Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

SHOUT
SHARE
IT

Akt 1905 62.23 W. W. TRACY, Jr.
LIBRARY, Department of Agriculture, Washington, D. C.

BECKERT'S

Garden, Flower & Lawn SEEDS

LONGFELLOW BEANS. DWARF STONE TOMATO.
WHITE EVERGREEN CORN. CRIMSON GIANT RADISH.

Remarks to Purchasers

READ CAREFULLY BEFORE ORDERING.

Name and Address. Write your **Name, Post Office, County,** and **State** as plainly as possible. Sometimes orders reach us which give neither name nor location. In such cases it is impossible for us to fill orders until we hear from the senders again.

Use the Order Sheet. Make out your list of requirements in the order given in the Catalogue, placing the quantity wanted before the article, and the price of the same in the column to the right. Always keep a copy of your orders.

Correspondence should not be intermingled with the body of the order, but either written at the bottom of the Order Sheet, or on a separate sheet of paper.

Remittances. The safest method of sending money is by **Post Office Orders;** where they are not obtainable, it can be sent by Express Money Order, Registered Letter, or Draft on New York. For small amounts, postage stamps are acceptable.

When the Remittance is not sufficient to pay for the quantity of seeds ordered, we will reduce the quantity to correspond with the remittance.

Errors. All possible precautions are taken to avoid their occurrence. Notify us at once if your order is not filled as it should be, and we will promptly make the necessary corrections.

Substitution. Late in the season we may have sold all our stock of some particular article ordered. We will in such case substitute the variety nearest akin to it, if requested to do so; otherwise the money will be refunded.

For Prices on Large Quantities of Seeds, write for our Market-Gardeners' or Florists' Catalogue, which is, however, only furnished on presentation of business card, or other evidence sufficient to show that the applicant is entitled to the same.

Send Us Your Order as Early as Possible. It will facilitate the prompt execution of same, and you will have your seed when you are ready to plant.

Packing. No charge for packing or delivery to depots, boats, or express offices. In no case do we prepay Express or Freight charges, unless by special agreement.

Seeds Free by Mail. All Vegetable and Flower Seeds quoted in this Catalogue by the **quarter-pound, ounce** or **packet** are forwarded postpaid at the prices herein named. Postage must be added for seeds by the **half-pound, pound, pint** or **quart,** as stated under the headings. We reserve the privilege of sending seeds by express, prepaid, if more suitable to us.

Seeds by Express. Seeds can now be forwarded at 20 per cent less than the merchandise rates; a saving of one-fifth to the buyer over previous rates. Unless goods are of a perishable nature, we can send C. O. D., if requested. As prices are all given in the Catalogue, there is no necessity for having goods forwarded in this manner, the purchaser thereby incurring the extra return charges.

Shipments by Freight. Seeds in bulk, implements, and other heavy goods we ship by freight. Unless there is a freight agent at point of destination, the freight must be paid in advance, and, unless by special arrangement with us, the purchaser must advance the same. Our facilities for shipping to points south of Pittsburg on the Ohio River and connecting streams are excellent, steamers plying daily between here and southern points. Points above Pittsburg, on the rivers, are also accessible by boat.

Catalogues are sent free to all our customers of the **past year.** Should any change their place of residence, we desire them to inform us, that we may correct the address in our Catalogue list. Our local customers, who purchase over our counters, will please leave their address when making their first annual purchase; this will ensure their receiving Catalogues the following year by mail. Great numbers of our patrons who desire our Catalogues fail to receive them because we have not their post office address.

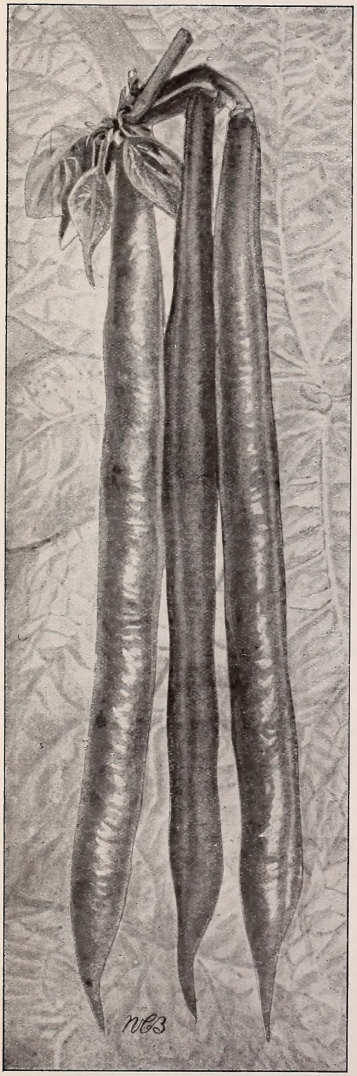
☞Correſpondenzen und Beſtellungen in deutſcher Sprache erhalten dieſelbe aufmerkſamkeit als diejenigen in engliſcher Sprache.

Address all orders to

WM. C. BECKERT, 103 Federal St., Allegheny, Pa.

Beckert's Choice Vegetable Seeds

FOR HOME AND MARKET-GARDENS



Longfellow Bean

Seeds of Superior Quality and Strong Vitality

OUR **Vegetable Seed Department** embraces nearly all varieties that are desirable or of known value, together with all the more important recent introductions. The list has been carefully selected and prepared, and the descriptions given are chiefly derived from our own experience and observation. We have endeavored to make them as accurate and helpful to the purchaser in making selections as possible.

HOW SEEDS ARE SENT

FREE DELIVERY to any post office in the United States at the prices named in this Catalogue of all Vegetable Seeds that are sold by the **PACKET, OUNCE** and **QUARTER-POUND.**

ADD POSTAGE at the rate of 8 cents per pint and 15 cents per quart to the Catalogue prices for **Peas** and **Beans** when to be sent by mail. For **Sugar Corn,** add 5 cents per pint and 10 cents per quart when to be sent by mail.

BEANS, Dwarf, or Bush

(Busch Bohnen)

Beans should not be planted before the ground becomes light and warm, in favorable seasons usually about the first of May. The soil should be rich and mellow, and the seeds scattered about 3 inches apart in drills that are 2 to 2½ feet apart, and covered about 2 inches deep. Successive sowings, made at intervals of about two weeks until the middle of July, will give a plentiful supply of beans throughout the season. One quart of seed will sow 100 feet of drill.

WAX, or YELLOW-PODDED BUSH BEANS

Add 8 cents postage for one pint of seed, and 15 cents for one quart when to be sent by mail; 10-cent packets free by mail

ROUND-POD KIDNEY WAX. Pods long, round, solid and brittle, and of fine quality. Plant vigorous, early and very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

DAVIS KIDNEY WAX. Pods long, between flat and round, clear waxen color; flavor and quality excellent. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

WARDWELL'S WAX. Excellent early variety. Pods creamy yellow, long, broad, flat, brittle and stringless. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50.

PENCIL-POD WAX. Pods long, round, straight, slender; early, very productive; fine in quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

GOLDEN-EYED WAX. Rapid and vigorous in growth, yielding abundantly; pods flat. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

PROLIFIC GERMAN. Pods semi-transparent; flesh tender and stringless; excellent. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

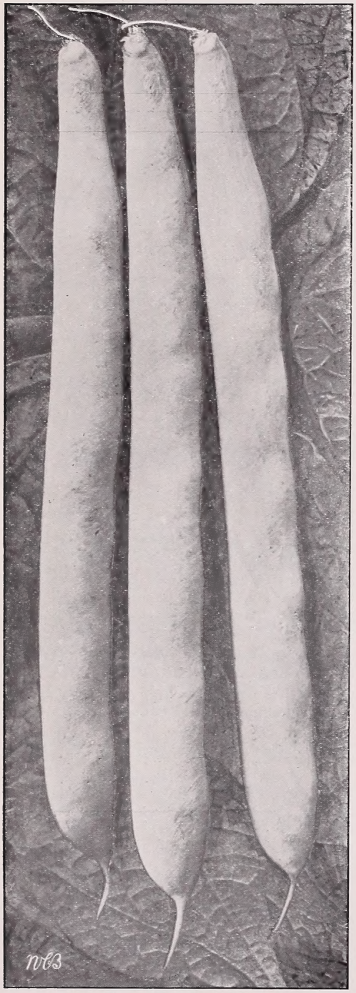
FLAGEOLET WAX. Pods long, flat, tender, of fine flavor and succulent; productive and early. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

CURRIE'S WAX. Pods long, flat and tender; early and productive. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

GREEN-PODDED BUSH BEANS

GREEN-POD STRINGLESS. Pods entirely stringless, very full and fleshy. They remain crisp and tender until the beans are fully developed in the pod. Early and of the finest quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

LONGFELLOW. Pods nearly stringless, straight, round, pale green, 6 inches or more in length. When cooked they retain their light green color, and are unsurpassed in quality and flavor. Productive and early. Pkt. 10 cts., pt. 20 cts., qt. 40 cts.



Davis Kidney Wax Bean (See page 1)

GREEN-PODDED BUSH BEANS, continued

GIANT GREEN-POD STRINGLESS VALENTINE. As early and productive as the Valentine, with pods a third larger, round, full and fleshy. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

IMPROVED RED VALENTINE. Pods round, thick and solid, tender and of fine flavor. Pkt 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

REFUGEE. Pods round, tender, fleshy and of fine flavor. Pkt. 10 cts., pt. 13 cts , qt. 25 cts., ½pk. 90 cts.

EXTRA-EARLY REFUGEE. Earlier than the Refugee. Pods round, solid tender, and of excellent quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

BOUNTIFUL. Pods long, uniform, stringless, of fine flavor. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

LONG YELLOW SIX WEEKS. Extra-early; pods long, flat, of good quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

MOHAWK. Early, hardy and productive; pods large and coarse, yet of excellent quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts , ½pk. 90 cts.

WHITE MARROWFAT. Grown for a dry bean for winter use. Pkt. 10 cts., pt 10 cts , qt. 20 cts., ½pk. 70 cts.

DWARF HORTICULTURAL. Furnishes green shelled beans of fine quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

WHITE KIDNEY. A favorite for baking; large, kidney-shaped, flattened, white. Pkt. 10 cts., pt. 13 cts., qt. 25 cts , ½pk 90 cts.

SNOWFLAKE NAVY. An improvement on the common Navy Bean; earlier and more productive. Pkt. 10 cts., pt. 10 cts., qt. 20 cts , ½pk. 70 cts.

BUSH LIMA BEANS

Fine Crops of delicious Limas are now grown without poles.

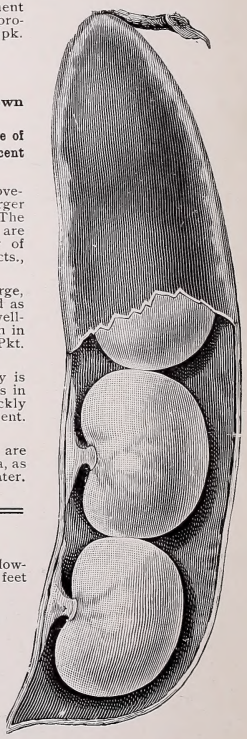
For Beans sent by mail, add postage at the rate of 8 cts. per pint and 15 cts. per quart. 10-cent packets sent postpaid.

WONDER BUSH LIMA. An improvement on Burpee's Bush Lima, being earlier, larger and more productive; quality unexcelled. The plants grow dwarf, upright and compact, and are completely covered with large pods, many of which contain four beans. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

BURPEE'S BUSH LIMA. Stalks large, bushy and vigorous, 18 to 20 inches high and as much across; yields heavy crops of large, well-filled pods, containing 3 to 4 beans each, which in size and quality are equal to the Pole Lima. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

DREER'S BUSH LIMA. This variety is of strong, bushy habit, and produces its pods in great abundance. The beans are crowded thickly in the pods and are thick, sweet and succulent. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

WOOD'S BUSH LIMA. The beans are larger than those of the Henderson Bush Lima, as productive and of as good quality but a little later. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.



Burpee's Bush Lima Bean

ARTICHOKE (Artiſchocke)

Sow early in spring and transplant the following spring to permanent beds in rows or hills 3 feet apart.

LARGE GREEN GLOBE. The best sort for general use. Pkt. 10 cts., oz. 35 cts.

BROCCOLI (Sproſſenkohl)

Requires the same treatment as cauliflower. The heads are tender, white and delicate in flavor. An ounce of seed will produce about 2,000 plants.

WHITE CAPE. Creamy white, medium, compact; sure to form; delicate flavor. Pkt. 5 cts., oz. 30 cts.

POLE, or RUNNING BEANS

(Stangen Bohnen)

Less hardy than the Bush Beans, and should be planted several weeks later, when the ground is warmer. Plant the seeds in slightly raised hills 3 or 4 feet apart, 4 or 5 seeds to the hill. The Limas are especially tender, and the rule for late outside planting with them is rigid. Painstaking cultivators, who are usually the most successful, plant them eye downward, after setting stout poles for every hill. All sorts of late-ripening Pole Beans are benefited by pinching the tips of the vines back when they are about 5 feet high. A quart of Limas will plant about 100 hills; a quart of smaller sorts about 200.

POLE LIMA BEANS

EARLY JERSEY LIMA. Very early and productive. Beans a little smaller than later sorts, but of finest quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

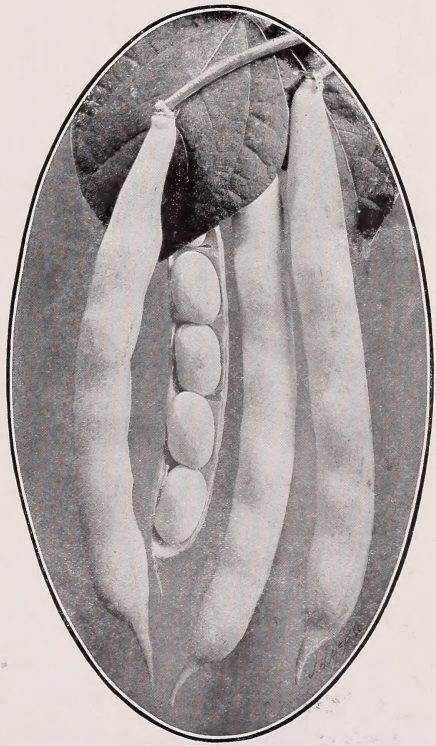
SEIBERT'S EARLY LIMA. Pods and beans quite large, very early and productive, quality the best. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

DREER'S IMPROVED. Early and productive; beans thick and rounded, tender and good. Pkt. 10c., pt. 15c., qt. 30c., ½pk. $1.10.

KING OF THE GARDEN. When not too closely planted, the vines set beans early and bear continuously until frost; only two vines should be allowed to a hill. Pkt. 10c., pt. 15c., qt. 30c., ½pk. $1.10.

FORD'S MAMMOTH LIMA. Pods average 7 inches in length and 5 to 6 beans to a pod, produced in clusters; quality the finest. Vines vigorous and productive. Pkt. 10c., pt. 15c., qt. 30c., ½pk. $1.10.

LARGE WHITE LIMA. Beans large, ovoid and kidney-shaped and greenish white in color. Pkt. 10c., pt. 13c., qt. 25c., ½pk. 90c.



Lazy Wife Pole Bean

Barr's Asparagus

EDIBLE-PODDED POLE BEANS

DREER'S GOLDEN CLUSTER WAX. Pods long and round, in clusters of 3 to 6; very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

KENTUCKY WONDER, or **OLD HOMESTEAD.** Pods borne in clusters, deep green in color; round, and often 9 inches in length; tender, crisp and finest quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

LAZY WIFE. Very productive; pods green, 4 to 6 inches long, broad, thick, fleshy and entirely stringless; of rich, tender quality. Pkt. 10c., pt. 15c., qt. 30c., ½pk. $1.10.

WHITE CREASEBACK, or **BEST OF ALL.** Very productive, bearing in clusters; pods silvery green, medium size, best quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

HORTICULTURAL, or **CRANBERRY.** Good as a shell Bean, either green or dry; of good flavor. Pkt. 10 cts, pt. 13 cts., qt. 25 cts, ½pk. 90 cts.

FRENCH ASPARAGUS, or **YARD LONG.** Pods 2 or 3 feet long; tender, and of asparagus flavor. Pkt. 10 cts., lb. 50 cts.

SCARLET RUNNER. With showy scarlet blossoms; beans purplish, with black markings; very ornamental. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

ASPARAGUS (Spargel)

A bed once properly made and planted will last for years. Plenty of fertilizer should be well trenched in to a depth of 2 feet or more. The roots should be planted as early in the spring as the ground can be prepared, setting them a foot apart in rows 2, 2½ or 3 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 50 feet of drill, and produce about 300 plants. Fair crops may be expected the third year from seed.

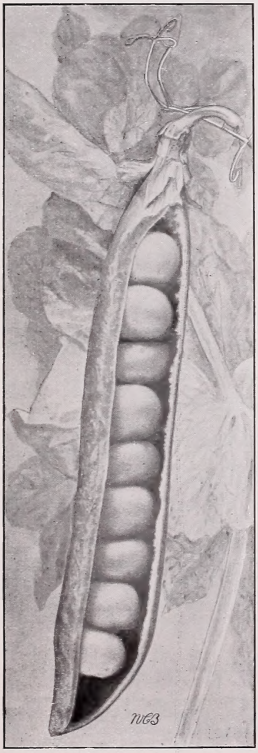
COLOSSAL. Very large, deep green; stalks tender and of good flavor. Pkt. 5c., oz. 10c., ¼lb. 20c., lb. 60c.

BARR'S MAMMOTH. Stalks large; heads close and round. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

PALMETTO. Early; stalks fine in size and quality, regular in growth. Pkt. 5c., oz. 10c., ¼lb 25c., lb. 70c.

COLUMBIAN MAMMOTH WHITE. Stalks pure white. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 70 cts.

ASPARAGUS ROOTS. By planting Asparagus roots instead of the seeds, a year or more of time can be saved in getting the shoots ready for table or market. They can be planted at any time within 6 or 8 weeks of the opening of spring. **See Vegetable Plants.**



Duke of York Pea (See page 5)

CORN, Sweet or Sugar

(Maiz)

This delicious vegetable may be enjoyed from early summer until frost if the proper varieties are selected and planted for succession at intervals of every two weeks until the middle of July. If the seed is planted too early, before the ground becomes warm, it is liable to decay. Plant in hills 3 or 4 feet apart each way, five to six kernels to a hill; or in rows 4 or 5 feet apart, scattering the seeds thinly in the rows. The taller-growing the variety, the richer should be the soil and the wider the space allowed for development. One quart will plant 200 hills.

If to be sent by mail, add 10 cents per quart for postage. 10-cent packets of all kinds sent postpaid

GOLDEN BANTAM. Very early and of finest quality; ears small, grains golden yellow; very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

EXTRA-EARLY ADAMS. Not a Sugar Corn, but grown for table use because of its earliness. Plant dwarf; ears short. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

FIRST OF ALL. Stalks short; ears set quite low, of fair size, and well filled with large, reddish grains. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

13. WHITE CORY. Similar to First of All, except that the kernels are white. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

4. PERRY'S HYBRID. Valuable early market variety. Ears large and ready for use quite early. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

10. KENDALL'S EARLY GIANT. A week later than Cory, and much larger. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

8. EARLY CHAMPION. Ears size of Concord, but earlier; 10- to 12-rowed. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

12. CROSBY'S EARLY. A second-early; ears 10- and 12-rowed; quality excellent. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

11. MAMMOTH WHITE CORY. Cobs and corn white; grains large and of good quality. Pkt. 10 cts., pt. 10 cts., qt 20 cts., ½pk. 75 cts.

9. SHAKERS' EARLY. Ears large and of fine quality. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

7. RUSSELL'S PROLIFIC. Ears are large, well shaped and filled, and of the best quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

6. EARLY EVERGREEN. Similar to Evergreen, but earlier. Quality the best. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

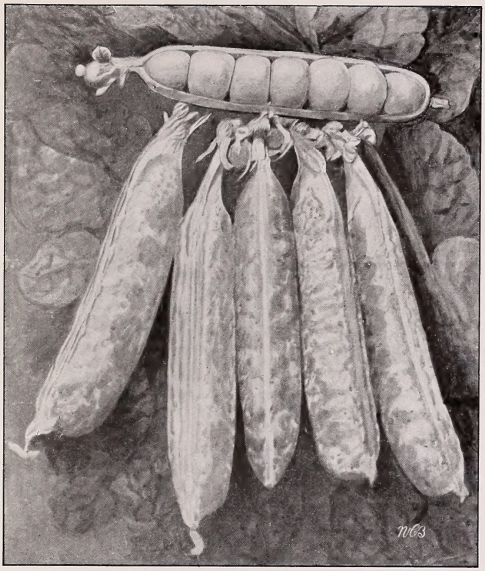
3. EARLY MAMMOTH. Two weeks earlier than Late Mammoth; ears as long, but more tapering. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

5. COUNTRY GENTLEMAN. Ears of good size and well filled with deep, white grains of delicious quality. Cobs small. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

2. STOWELL'S EVERGREEN. Grown more than any other sort. Ears large, with deep, sugary grains; remains fit for use a long time. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

1. LATE MAMMOTH. Among the best large-eared sorts. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

MELROSE. Second early; ears large and quality fine. Pkt. 10c., pt. 10c., qt. 20c., ½pk. 75c.



Nott's Excelsior Peas

SWEET CORN, continued

EARLY SHEFFIELD. Early and hardy. Ears of good size and quality. Pkt. 10 cts., pt. 10 cts., qt. 20 cts , ½pk. 75 cts.

STABLER'S EARLY. Large for an early Corn, sweet and of fine flavor. Pkt. 10 cts., pt 10 cts , qt. 20 cts., ½pk. 75 cts.

MOORE'S CONCORD. Comes in after Perry's Hybrid. Quality excellent; ears large and full. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

BLACK MEXICAN. Grains deep bluish purple, of delicious quality; medium early. Pkt. 10 cts., pt. 10c., qt. 20c., ½pk. 75c.

METROPOLITAN. Large for an early Corn; 9 inches long and 10- and 12-rowed. Quality excellent. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

SQUANTUM. Medium early; ears 12-rowed and deep in the grain; sweet and tender. Pkt. 10 cts., pt. 13c., qt. 25c , ½pk. 90c.

ROSLYN HYBRID. A medium late, large-eared variety of very superior quality. Pkt. 10 cts., pt. 10c., qt. 20c., ½pk. 75c.

WHITE EVERGREEN (BURPEE'S). Possesses to an intensified degree all the qualities of Stowell's Evergreen, and in addition has the valuable characteristic of being pure white. The finest Sweet Corn yet introduced. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

PEAS (Erbsen)

All smooth-seeded Peas may be planted as early in the spring as the soil can be prepared for them, being very hardy. Sow for the first crop as early as practicable, and for succession at intervals of about two weeks until June. Late sowings, however, do not yield so well as early ones. Sow in drills about 2 to 3 inches deep, and from 2 to 4 feet apart, according to variety, taller sorts requiring more room than dwarf ones. Dwarf Peas require a very rich soil, while tall ones thrive best in rather thin ground. The latter are frequently sown in double rows, with the brush, or support of some kind, between them. Wrinkled Peas are not so hardy as the smooth sorts, and should not be sown quite as early, but are superior to them in quality, more delicate in flavor, and remain longer in season. One quart of seed will plant about 100 feet of drill.

Extra-Early Telephone Peas

For Peas to be sent by mail, add postage at the rate of 8 cts. per pint, 15 cts. per quart, to prices given. Wrinkled varieties are marked with a star

ALASKA. 48 days; 2½ feet. Pods small, but well filled with plump, excellent, dark green peas. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

SUNOL. 50 days. An improved strain of the First and Best. Pods larger; more productive and uniform in maturing. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

SURPRISE. 50 days; 2½ feet. Vines thickly set with round, well-filled pods, 2½ to 3 inches long; peas tender and sweet. Pkt. 10 cts., pt. 15c , qt. 30c., ½pk. $1.10.

NOTT'S EXCELSIOR.* 55 days; 1 foot. The finest dwarf Pea in cultivation. Pods closely packed with large peas of fine flavor; vigorous and prolific. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

EXTRA-EARLY TELEPHONE.* 56 days; 2½ feet. Combines earliness with the size and quality of the best of the later sorts. The pods are of the same size and quality as the Telephone, and are ready to pick one week after the earliest. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50.

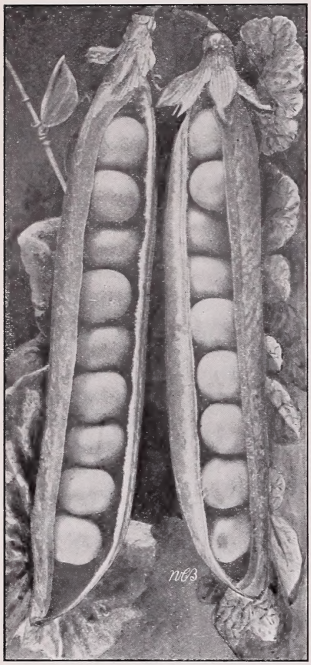
THOS. LAXTON. 60 days. Pods large, long, and deep green in color; seed wrinkled, sweet and of fine flavor. Pkt. 10 cts., pt. 25 cts., qt. 45 cts., ½pk. $1.75.

HARBINGER. A very early dwarf variety, slightly larger in pods than Nott's Excelsior; very early and of the finest quality. Pkt. 10c., pt. 18c., qt. 35c., ½pk. $1.25.

PREMIUM GEM.* 59 days; 15 inches. Early and superior wrinkled Pea; pods abundant; peas tender, sweet and good. Pkt. 10 cts , pt 15 cts., qt. 30 cts., ½pk. $1.10.

DUKE OF YORK.* 67 days; 3½ feet. Pods very large, well filled with large dark green peas of excellent flavor. A heavy yielder, and one of the most desirable medium early sorts. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

HORSFORD'S MARKET-GARDEN.* 70 days; 2 feet. Very productive; best quality. Considered one of the most valuable varieties. Pkt. 10c., pt. 13c., qt. 25c., ½pk 90c.



Duke of Albany Peas

PEAS, continued

DWARF TELEPHONE, or DAISY.* 70 days; 1½ feet. Pods large, handsome, well filled, often containing 10 peas of the largest size; tender and delicious. Very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.25.

TELEGRAPH.* 67 days; 3½ feet. Resembles Telephone, except that the peas are deeper green and the vines more productive. Pods large and showy. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

TELEPHONE.* 71 days; 3½ feet. Pods and peas very large and showy, the latter being very sweet and rich; very productive. Pkt. 10 cts., pt. 13 cts., qt. 25 cts, ½pk. 90c.

DUKE OF ALBANY.* 74 days; 3 feet. Pods large and produced in great abundance. Resembles Telephone, but is more dwarf. First among the large-podded late sorts. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

CHAMPION OF ENGLAND.* 78 days; 4 feet. Very fine quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 90 cts.

ADMIRAL DEWEY. 80 days; 3½ feet. A heavy cropper and of the finest quality. Pods of the largest size. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.10.

PRIDE OF THE MARKET. 80 days; 2½ to 3 feet. Handsome large, dark green pods, well filled with large peas of the finest quality. Pkt. 10c., pt. 18c., qt. 35c, ½pk. $1.25.

BLACK MARROWFAT. 84 days; 4½ ft. Pkt. 10 cts., pt. 10c., qt. 20c., ½pk. 70c.

WHITE MARROWFAT. 84 days; 4½ feet. Pkt. 10 cts., pt. 10c., qt. 20c., ½pk. 70c.

MAMMOTH-PODDED MELTING SUGAR. In this variety the entire pod is cooked, being sweet, tender and stringless, and makes a delicious dish; pods 5 to 6 inches long and 1½ inches wide; plant very tall; crop late. Pkt. 10c., pt. 20c., qt. 40c., ½pk. $1.50.

To obtain in succession a crop of fine Peas, plant at one time Extra-Early Telephone, Duke of York and Duke of Albany.

THE BEST GARDEN BEETS

(Salatrüben)

The soil best suited to the Beet is a deep, light and rich loam. For very early crops, the seed is sown in hotbeds, and the seedlings are transplanted to the open ground. For main crop, the seed is sown outside as soon as the soil is in good condition, in drills from 12 to 15 inches apart, and covered about an inch deep; the plants are thinned to stand 4 or 5 inches apart in the rows. For winter crops, sow seed in June, in drills, as for early Beets. An ounce of seed will sow 50 feet of drill; five or six pounds an acre.

CROSBY IMPROVED. An improved Egyptian; its roots are thicker, smoother, and of better shape. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 70 cts.

EGYPTIAN. An early sort; can be planted very closely. Medium size and dark crimson color. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

CRIMSON GLOBE. A very early globe variety; roots very smooth and handsome; flesh and skin deep red; of best quality. Pkt. 5 cts, oz. 10 cts., ¼lb. 25 cts., lb. 70 cts.

ECLIPSE. Roots globe-shaped, deep red, with sweet, fine-grained flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

EDMAND'S BLOOD TURNIP. Round, smooth and uniform in shape. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb 60 cts.

DETROIT BLOOD TURNIP. Roots globular or ovoid; flesh dark red and tender; foliage small. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

DEWING'S BLOOD TURNIP. Roots long, round and smooth; blood-red flesh, marked by light rings. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

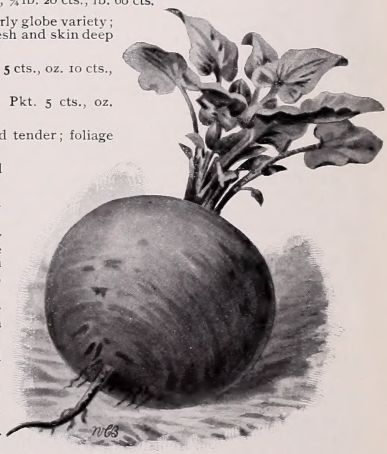
ELECTRIC. Early, globe-shaped and uniform; flesh dark red and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 70 cts.

BECKERT'S PERFECTION BLOOD TURNIP. Not early, but admirably adapted for main crop and for winter storage. The Beet is almost a perfect globe shape, with small tap-roots; its tendencies are to grow only to medium size. Flesh dark crimson, and remains tender and brittle after a season's growth. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

SEIF BLOOD TURNIP. A very popular local variety; not a strictly early Beet, but one of the best for main crop; deep red in color, and remains tender even when attaining the largest size. Pkt. 5 cts, oz. 10 cts, ¼lb. 30 cts., lb. $1.

LONG SMOOTH BLOOD. Half-long deep red roots; flesh firm, juicy and tender. Pkt. 5 cts., oz. 10 cts., ¾lb. 20 cts., lb. 60 cts.

SWISS CHARD (Sea-Kale Beet). Grown for its tender, succulent tops, which are prepared for the table like spinach or asparagus. Pkt. 5 cts., oz. 10 cts., ¾lb. 20 cts, lb. 60 cts.



Crimson Globe Beet

LAWN GRASS SEED.—If you desire a perfect lawn, use our Evergreen Lawn Seed. See inside of back cover for same and for directions how to make a lawn.

FIELD BEETS FOR STOCK FEEDING

Grown for stock feeding, they form very wholesome and nutritious food. Of special value for feeding to cows, as they greatly increase the flow of milk. The seed should be dropped about 2 inches apart, in drills 2 feet apart, and the plants thinned so that there will be 12 or 16 inches between them. From five to eight pounds of seed are required to sow an acre.

Swiss Chard (See preceding page)

GIANT LONG RED MANGEL. Heavy cropper. Roots long and thick, with rose and white flesh, and grow partly above ground.

GIANT INTERMEDIATE. Heavy producer.

ORANGE GLOBE. Large, orange-colored, oval variety. Good on shallow soil.

GOLDEN TANKARD. Has large and handsome roots, and grows partly above the ground. Flesh bright yellow.

RED-TOP SUGAR BEET. Combines with heavy yield a good percentage of sugar; white flesh.

Mangel Beet in quantities of 5 lbs. and over at 30 cts. per lb. Prices of all the above Field Beets, oz. 5 cts., 4 ozs. 15 cts., lb. 35 cts.; postpaid, 43 cts.

Beckert's Perfection Blood Turnip Beet
(See preceding page)

BRUSSELS SPROUTS

(Rosenkohl)

The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost. An ounce of seed will produce 2,000 plants.

DWARF IMPROVED. Dwarf, with small, solid, tender heads, growing very close along the stem. Pkt. 5 cts., oz. 25 cts

Corn Salad

CORN SALAD (Lammer Salat)

Sow the seed thickly in shallow drills in September, and firm the soil well down above it, if the weather be dry. Highly appreciated, and much grown where other salads and lettuces do not succeed. An ounce of seed will sow a bed 20 feet square.

LARGE-SEEDED. Has large, tender leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 70 cts.

ROSETTE-SHAPED. Forms compact stalks, with deep green leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts.

WATER AND UPLAND CRESS

(Kresse)

The leaves form excellent spicy spring salads, and are also used for garnishing. Pepper Grass should be sown thickly in shallow drills in early spring, and at intervals for continued supply, as it soon runs to seed.

WATER CRESS. Small, oval leaves; very tender, crisp and pleasantly spicy when young. Plants of prostrate habit. A perennial aquatic, which grows well in any running stream. Pkt. 5 cts. oz. 30 cts., ¼lb. 90 cts.

UPLAND. Seed of this species may be sown anywhere in moist places in spring or fall. Leaves broad, crisp, tender and good for salads; plant a perennial. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

EXTRA CURLED, or PEPPER GRASS. Of pleasant, pungent flavor; the leaves can be cut several times. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

Extra Curled Cress

DANDELION (Pardeblum)

An early spring salad. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the rows.

IMPROVED FRENCH. Pkt. 10 cts., oz. 30 cts., ¼lb. $1.10.

Extra-early Jersey Wakefield

Perfection Drumhead Savoy

Select Late Flat Dutch

CABBAGE SEED

Seed sown in hotbed or greenhouse about February 15 will give plants large enough to transplant into hotbeds about March 10. Set them 2 or 3 inches apart each way, and as soon as they become well established remove the glass for part of the day, to harden them for final transplanting into the open ground, increasing the exposure daily until April 10 or 20, when the final transplanting may be made. Plants for this early crop need not stand further apart than 1½ x 2 feet. For late crops, sow seeds in April or May, and transplant to the open ground when large enough, setting the plants up to the first leaf, and 2 x 3 feet apart. It is important that the plants should not stand thick in the seed-beds, as this would induce weak, slender plants. To insure large, solid heads of Cabbage, the soil must be plowed deep and made very rich. The insects which molest them should be kept in check with remedies which seem most efficacious in the locality. Crops of Cabbage should not be grown for a number of years on the same ground, on account of club-root.

EXTRA-EARLY JERSEY WAKEFIELD. Best early variety. Heads of medium size, pyramidal, pointed, firm and solid, with few outside leaves; uniform in size and time of maturing, and of good quality. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

LARGE JERSEY WAKEFIELD, or **CHARLESTON.** A selection from the above, and 10 days later, with heads rounded and twice as large. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

EARLY WINNIGSTADT. Conical heads of fair size. One of the best early Cabbages. Pkt. 5c., oz. 15c., ¼lb. 50c.

EARLY SPRING. Heads very uniform and solid. Matures with Early Wakefield. Pkt. 5c., oz. 25c., ¼lb. 75c.

EARLY EXPRESS. Very early; small conical heads. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

EARLY ALLHEAD. The best of the flat-headed early summer Cabbages Heads roundish flat, very solid and grows uniform in size and form, sure-heading and adaptable to many soils; equally as good as a winter Cabbage. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

EARLY SUMMER. Heads large, solid, roundish, flat; stand a long while after maturity without bursting. Pkt. 5 cts, oz. 20 cts., ¼lb. 60 cts.

ENKHUIZEN'S GLORY. Second early, producing fine, large, round, ball-shaped heads. Pkt. 5 cts., oz. 75 cts.

ALL-SEASONS. Almost as early as Early Summer; heads larger and quite thick through; good for early and late crops. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

SUCCESSION. A week later than Early Summer, with heads much larger. Good for early or late use. Pkt. 5 cts., oz. 20 cts, ¼lb. 60 cts.

SUREHEAD. The heads are of Flat Dutch type, uniform in shape and size, solid and heavy. Pkt. 5c., oz. 20c., ¼lb. 60c.

THE LUPTON. Slightly earlier than the Flat Dutch, and of more compact growth. Heads large; stalks short; color dark green. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

FOTTLER'S BRUNSWICK. The heads often weigh from 20 to 25 pounds, and are hard and solid. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

SELECT LARGE LATE FLAT DUTCH. An excellent keeping variety; more extensively grown for main crops than any other sort. Heads large, broad, roundish flat, solid and of good quality. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

AUTUMN KING. Late; sure-heading; heads of enormous size, yet regular and uniform. Pkt. 5c., oz. 20c., ¼lb. 60c.

DANISH BALLHEAD, or **HOLLANDER.** Heads of medium size, round and very solid; matures late, and is a splendid keeper. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

PERFECTION DRUMHEAD SAVOY. Heads large, solid, with finely curled, close, wrinkled leaves of cauliflower flavor; a good keeping winter Cabbage. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

EARLY ERFURT SAVOY. Long extended heads, and very heavy; quality fine. Pkt. 10 cts.

RED SAVOY. Quality superior to the Green or Yellow-green Savoys; medium early and a good keeper. Pkt. 10 cts.

MAMMOTH ROCK RED. A select late strain of red Cabbage, with very large and solid heads. This is the housekeeper's favorite Cabbage for pickling. Pkt. 5c., oz. 25c., ¼lb. 75c.

ZENITH DARK RED. Solid; thin ribbed heads of medium size and exceedingly dark red color. Pkt. 5c., oz. 75c.

CAULIFLOWER

(Blumenkohl)

How to Grow Fine Cauliflower. Culture for Cauliflower and cabbages is essentially the same, but to the former extra care given in applying fertilizers and moisture well repays the gardener. Sow the seeds for early and late crops as directed for cabbage, but do not set the early plants in the open field too soon, for if too much stunted by severe frosts they begin to form heads before they are strong enough to develop them well. Plants which have not headed before winter sets in may be stored in a cool cellar or coldframe, and will form heads there without any further attention. A deep, loamy soil, with a substratum of moisture during dry weather, is most suitable for the Cauliflower. An ounce of seed will produce about 1,500 plants.

BECKERT'S EARLY SNOWBALL. Produces large, handsome heads, measuring 8 to 10 inches across; pure snowy white, close, compact and of the finest quality. The stalks are short, of compact growth, and can be planted closely. It is extra-early, a very certain header, and equally good for a late crop. Unsurpassed by any strain offered. Pkt. 20 cts., ¼ oz. 90 cts., oz. $3 50.

DANISH GIANT. A very large-heading, medium to late variety; curds dense, solid and pure white; a sure cropper. Pkt. 20 cts., ¼ oz. 90 cts., oz. $3 50.

EXTRA-EARLY ERFURT. The plants may be depended upon to form large, firm white heads very early. Pkt. 15 cts., ¼ oz. 75 cts., oz. $3.75.

EXTRA-EARLY PARIS. Large leaves and large, firm white heads. Pkt. 10 cts., ¼ oz. 20 cts., oz. 75 cts.

ALGIERS. Late, sure-heading; the heads are good in color and quality and long-keeping. Pkt. 10c., ¼ oz. 20c., oz. 75c.

Beckert's Early Snowball Cauliflower

LENORMAND'S SHORT-STEM. A late variety; good heads, with close, uniform curds. Pkt. 5 cts, ¼ oz. 15 cts., oz. 50 cts.

VEITCH'S AUTUMN GIANT. White, large, firm heads. Pkt. 5 cts., ¼ oz. 15 cts., oz. 50 cts.

White Plume Celery

CELERY

(Sellerie)

Celery can be grown on any garden soil, but is finest on deep, mellow bottom land. Seed for early crops should be sown in hotbeds about March 15. The plants may either be thinned to give them room to grow, or transplanted to another bed to grow until it is time to plant them in the open ground. For main crop, seed should be sown in the open air as soon as the soil and air are warm enough. They should be covered lightly, or merely pressed into the earth with a board if the soil is fine and mellow. The seed-bed must be kept free from weeds, and well watered in dry weather. When the plants are large enough, transplant them to shallow trenches or furrows, from 4 to 6 feet apart, according to the variety grown, setting the plants 6 inches apart in the rows and pressing the soil firmly around them. Blanching consists of drawing earth up to the stalks at intervals of about two weeks, until all but the tops of the plants are covered. Celery may be kept for winter use in pits or cellars, or in deep, narrow trenches, in a dry situation; the latter must be covered with boards, with sufficient soil and manure on top to keep out the frost, leaving openings for ventilation in mild weather at short distances. An ounce of seed will produce about 2,000 plants.

GOLDEN SELF-BLANCHING. Stalks beautiful golden yellow. Plants semi-dwarf and vigorous, with large, ribbed and rounded stalks which are quite crisp and tender. Pkt. 10c., oz. 35c., ¼ lb. $1.30.

WHITE PLUME. Easily blanched, and one of the very handsomest sorts grown. In large plants the stalks, hearts and inner leaves become white without any blanching. Pkt. 5 cts., oz. 20 cts., ¼ lb. 70 cts.

SNOW WHITE. Of the White Plume class, but is still more easily blanched, of a purer white, of more vigorous growth. Pkt. 5 cts, oz. 25 cts., ¼ lb. 90 cts.

GOLDEN DWARF. One of the best; hearts and inner leaves a beautiful golden yellow when blanched; the stalks are solid, crisp and nutty in flavor. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

GIANT PASCAL. Stalks broad, thick and about 2 feet high; blanch quickly; rich, nutty flavor; tender, crisp and stringless. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

PERFECTION HEARTWELL. Heart large and close-growing; crisp, tender, keeping until quite late. One of the best. Pkt. 5 cts., oz. 20 cts, ¼ lb. 60 cts.

New York Thornless Eggplant

CELERY, continued

BECKERT'S PERFECTION WINTER. Grows to a good size; very brittle, and white in color. For solidity, crispness and fine nutty flavor, it is unsurpassed; its most valuable recommendation to growers is its remarkable keeping qualities, as it can be kept easily until spring. Pkt. 5 cts., oz. 30 cts., ¼ lb. $1.10.

WINTER QUEEN. Of medium height and strong, robust growth; stalks thick and heavy, with numerous hearts; perfectly solid, rich and delicious nutty flavor; a fine winter keeper. Pkt. 5c., oz. 25c., ¼ lb. 90c.

THE SCHUMACHER. Immense size, solid and crisp, firm golden yellow heart; a fine keeper. Pkt. 5 cts., oz 15 cts., ¼ lb. 55 cts.

Winter Queen Celery

Golden Self-blanching Celery

PERLE LE GRANDE. Its beautiful full golden heart and rich nutty flavor are unsurpassed by any other sort. Pkt. 5 cts., oz. 15 cts., ¼ lb. 55 cts.

BOSTON MARKET. Of dwarf, branching habit, solid, crisp and of fine flavor. Pkt. 5 cts., oz. 15 cts, ¼ lb. 55 cts.

MAJOR CLARK'S FINE SOLID RED. A splendid red variety of robust, compact, medium growth, forming very solid hearts which blanch easily; extremely crisp and of fine flavor. Pkt. 10 cts., oz. 35 cts., ¼ lb. $1 30.

EGGPLANT (Eierpflanze)

Sow the seed in hotbeds early in March, transplant to small pots and plunge them in the same beds; this is to make them strong and stocky. They should not be planted out until May or June, when the weather becomes warm and settled, as cool nights and wet weather will check their growth. Set the plants in rows 3 feet apart each way and give them thorough cultivation, drawing the earth up to the stems when they are about a foot high. Repeated sowings are sometimes necessary, as the seed does not germinate freely without strong and uniform heat. An ounce of seed will produce 1,000 plants.

NEW YORK IMPROVED THORNLESS. The leading variety; strong and productive in habit. The fruits are deep purple, large, smooth, free from thorns; flesh white, tender, of delicate flavor. Pkt. 5 cts., oz. 30 cts.

BLACK BEAUTY. Fruit broad and thick, lustrous purplish black color; very productive, of excellent quality. Slightly earlier than the preceding. Pkt. 10 cts., oz 40 cts.

CARROTS

(Möhren)

Carrots succeed best on heavy loam, which preferably should have been well fertilized the previous year, as fresh manure often causes the roots to grow pronged and misshapen. Sow the seed as early in the spring as the ground can be prepared, firming the soil down over them. An ounce of seed will sow 100 feet of drill; 4 pounds will sow an acre.

Half-Long Luc Carrots

EARLY SCARLET HORN. For early crop. Roots are about 3 inches long, and of very good quality. Pkt 5 cts , oz. 10 cts., ¼lb. 25 cts , lb. 75 cts.

HALF-LONG POINTED. The roots are intermediate in size between Early Horn and Long Orange; smooth bright orange; well flavored. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

HALF-LONG STUMP-ROOTED. Much-like the Half-Long Pointed, except that the roots have the stump form. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

NEW YORK MARKET. Symmetrical shape, small core, crisp, tender and sweet; one of the best. Pkt 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

CHANTENAY. Handsome roots, broad-shouldered, smooth and more uniform than the Danvers. Of superior flavor. Pkt. 5 cts , oz. 10 cts , ¼lb. 25 cts , lb. 75 cts.

Half-Long Pointed Carrots

HALF-LONG LUC. A very symmetrical half-long stump-rooted variety. Early, very productive, of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

DANVERS HALF-LONG. The roots are smooth, thick and intermediate between Short Horn and Long Orange in form. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

ST. VALERY INTERMEDIATE. Thick-shouldered, intermediate in length between the Half-Long and Long Orange varieties. Flesh rich orange color and of finest quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

IMPROVED LONG ORANGE. Extensively grown; good and heavy in yield. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

CELERIAC, or TURNIP-ROOTED CELERY (Knollen Sellerie)

Sow in early spring; transplant the seedlings in May. They will be ready for cooking in October, and may be preserved in dry sand for use during winter. Celeriac is said to be as fine a nerve tonic as celery, and can be grown in many sections where celery culture is practically impossible. The roots have almost the same flavor as the crispest white celery stalks, while they keep much longer than celery. An ounce of seed will produce about 2,000 plants.

PRAGUE GIANT. Roots are very large. When young they are quite tender and marrow-like, having a very fine flavor and cooking quickly. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

Prague Giant Celeriac

CHICORY (Cichorie)

Sow early in spring, in good, mellow soil and in drills half an inch deep and 12 inches apart.

LARGE-ROOTED MAGDEBURG. The leaves, when blanched, make an excellent salad. Pkt. 5c., oz. 10 cts , ¼lb. 30 cts.

"MILLTRACK" MUSHROOM SPAWN

Our brand of Spawn has been celebrated for many years It is manufactured under a peculiar process known exclusively to the manufacturer, and, when once used, no gardener will willingly take to any other kind. One chief feature of its superiority is the extraordinary length of time it continues to produce Mushrooms. Lb. 15 cts.; by mail, 25 cts.; 10 lbs. $1. Pamphlet on culture free with order.

Mushrooms

"Mushrooms, How to Grow Them." (Falconer.) $1.50, postpaid.

MARTYNIA

(Gemsenhorn)

The seed-pods are excellent for pickling if gathered when tender and about half-grown. Sow the seed in May, in rows 3 feet apart, and thin the plants to stand 2 feet apart in the rows. Pkt. 5c., oz. 15c.

Cucumbers

(Gurke)

The seed cannot be planted in the open ground before the weather has become warm and settled, and the ground mellow and light. Plant the seeds in well-enriched hills about 4 feet apart each way, and as soon as all danger from insects is over thin the plants to leave four of the strongest in each hill. For succession, sow at intervals of every two weeks until midsummer. Extra-early crops are grown by planting the seed in hotbeds in April, upon pieces of sod turned upside down, and removing them to hills in open ground as soon as the weather is warm enough. For pickles, sow seed from the middle of June until the middle of July. The vines bear longer if the fruits are gathered as soon as they are large enough; their strength is soon exhausted by ripening fruits. An ounce of seed will plant 100 hills; 2 pounds will plant an acre.

Improved Long Green Cucumber

FORCING WHITE SPINE. A selected strain of White Spine. Fruit large, green, medium thick, holds its color well. Pkt. 10 cts., oz. 25 cts.

IMPROVED WHITE SPINE. Early and productive. Fruit medium size, good shape, light green, with a few white spines on the surface. Pkt. 5 cts , oz. 10 cts., ¼lb. 30 cts.

ARLINGTON WHITE SPINE. Very prolific and early; fruit large and smooth, much used for forcing. but equally desirable for outdoor culture. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

EXTRA-LONG WHITE SPINE. Smooth, dark green, attaining a length of 10 to 12 inches; regular in form and size. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

EVERGREEN WHITE SPINE. Productive and early; fruit long, deep green and retains its color. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

BENNETT WHITE SPINE. Early, of good size and form; retains its glossy green color for a long time. Pkt. 5 cts. oz. 10 cts., ¼lb. 30 cts.

FORDHOOK FAMOUS. Fruits very long, smooth and dark green; very productive. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

IMPROVED LONG GREEN. The leading long-growing sort, and excellent for pickles. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

COOL AND CRISP. Fruit long and cylindrical, dark green, early and productive. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

EMERALD. Fruit very dark green, long, straight, smooth and quite free from warts or spines. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

JERSEY PICKLING. Wonderfully productive and the fruits are rich deep green, small and very uniform in size. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CHICAGO, or **WESTERFIELD PICKLE.** Fruits are deep green, of medium length, pointed at the ends. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

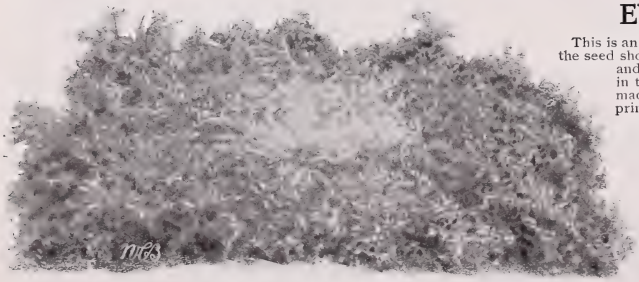
JAPANESE CLIMBING. Fruits almost almost straight, large, and from 12 to 16 inches long; skin dark green, flesh thick. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

WEST INDIA GHERKIN. Small, rough, prickly fruits, used for pickling. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

ENGLISH FRAME CUCUMBERS

These varieties are used for forcing. They can be grown in hotbeds or houses where the temperature does not fall below 65° at night. The fruits are long, smooth and handsome, frequently growing from 20 to 30 inches long.

Improved Telegraph. Pkt. 25 cts.
Improved Sion House. Pkt. 25 cts.
Duke of Edinburgh. Pkt. 25 cts.



Large Green Curled Endive

ENDIVE (Endivie)

This is an important fall and winter salad. For early, the seed should be sown in April, in drills 15 inches apart, and the seedlings thinned to stand 12 inches apart in the rows. Sowings for the main crop may be made in June and July, as the vegetable is used principally in fall and winter. The inner leaves are blanched by tying the tips of the outer ones together, or by laying boards over the plants. An ounce of seed will sow 150 feet of drill.

LARGE GREEN CURLED. Dark green leaves, beautifully curled, and when blanched very crisp and tender; ready for use earlier than other sorts. Pkt. 5c., oz. 25c.

BROAD-LEAVED BATAVIAN. The broad, thick leaves make excellent salads when blanched. Pkt. 5 cts., oz. 20 cts.

WHITE CURLED. Has tender, curly leaves of silvery green. Pkt. 5c., oz. 20c.

KALE, or BORECOLE

(Krauskohl)

The leaves are of delicate flavor; quite hardy, and improved rather than injured by frost. Will grow in almost any soil. An ounce of seed will sow about 200 feet of drill.

DWARF GERMAN GREENS (Siberian Kale). Generally sown broadcast, but can be sown in drills a foot apart in August, and the plants treated like spinach; ready for use in fall or early spring. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

DWARF CURLED GREEN SCOTCH. Seldom exceeds 18 inches in height, but rounds out to a diameter of 3 feet under good cultivation. The leaves are bright green, tender and elegantly curled. One of the best grown. Pkt. 5 cts., oz. 10 cts, ¼lb. 25 cts.

TALL CURLED GREEN SCOTCH. Unusually hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

MOSBACH. In height between the two preceding. Leaves bent upward; light yellow-green in color; very curled; white narrow ribs; very showy. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

SEA KALE

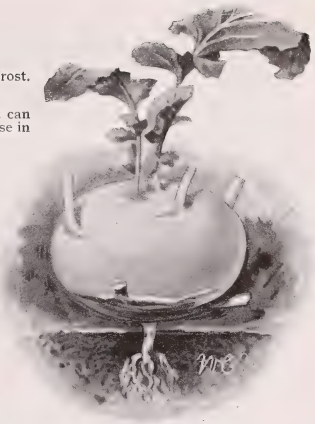
Grown for its bleached stems, which are prepared like asparagus. Sow in drills 1 inch deep and 2 feet apart; thin out to 6 inches in the rows; the following spring plant in hills 3 feet apart. Pkt. 10 cts., oz. 30 cts.

Curled Mosbach Kale

KOHLRABI

(Kohlrabi)

Very palatable when prepared for the table like turnips. If the weather is favorable the seed should be sown in April, in rows 18 inches apart, and the seedlings thinned to stand a foot apart for White Giant, and 6 to 8 inches apart for other sorts. They are fit for use when 3 or 4 inches in diameter. For late crops, sow seeds in June or July. An ounce of seed will produce about 2,500 plants.



Very Early White Vienna Kohlrabi

VERY EARLY WHITE VIENNA. The earliest sort. The plants grow rapidly, have small foliage, and mature their fine, round, white bulbs quite early. Pkt. 5 cts., oz. 25 cts.

EARLY PURPLE VIENNA. This variety differs from the above mainly in the color of its roots, which are bluish purple. Pkt. 5 cts., oz. 25 cts.

GREEN GIANT. A late, very large-growing sort, with immense bulbs, stems and leaves. Pkt. 5 cts., oz. 20 cts.

LEEKS (Lauch)

Used for seasoning soups and boiling with meats. The seed should be sown in hotbeds in early spring, and the seedlings transplanted later to the open ground, 8 inches apart, in rows from 12 to 15 inches apart. For a winter supply, sow seed in the open ground in early spring, and thin the seedlings until they have room for development, or transplant them as above. Store like celery for winter. An ounce of seed will sow about 100 feet of drill.

LONDON FLAG. The variety most extensively cultivated. Stalks early and large. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

MUSSELBURGH. Broad, spreading leaves and very large stalks. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts.

GIANT CARENTAN. Stalks thick, short, hardy, mild-flavored. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts.

ROUEN WINTER. Stalks very large, hardy, late-keeping, and lighter green than in other sorts. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts.

LONG MEZIERES WINTER. Large and hardy; especially adapted for late keeping. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts.

MUSTARD (Senf)

The young and tender leaves of the Mustard are greatly relished as salads or when cooked like spinach. The seed should be sown in shallow drills as early as the ground can be prepared in spring, and the leaves cut when several inches long.

WHITE. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

GIANT SOUTHERN CURLED. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

London Flag Leek

A Seed Crop of Black Simpson Lettuce

LETTUCE (Garten Salat)

Seed for the first outdoor crop is usually sown in hotbeds in February, and the seedlings transplanted to the garden in April, 8 to 12 inches apart, in rows 12 inches apart. For a succession until frost, sow in drills in the open ground at intervals of every two or three weeks, and thin the plants to stand 6 to 8 inches apart. For plants to force in hotbeds from November until spring, sow seed in hotbeds in the fall, and cover up as winter approaches, until the plants are required for use. Or the seed may be sown in hotbeds early in winter and the seedlings transplanted when large enough into fine and well-prepared garden soil. Half an ounce of seed will sow 100 feet of drill, and produce about 1,500 plants.

BECKERT'S GOLDEN CURLED. The very best for early spring and summer crops. Grows rapidly, resists heat well, and forms immense, tender heads of nicely curled, light yellow leaves of the best quality. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.

BECKERT'S BROWN CURLED, or **CHARTIER.** Closely resembling the above, except in color. Grown under glass the leaves are a soft greenish white; but grown in the open air they take on a bronze cast, still remaining very crisp and tender. Pkt. 5 cts , oz. 30 cts., ¼lb. 90 cts.

BLACK-SEEDED SIMPSON. Grows very rapidly, withstanding heat and drought unusually well, and forming large, bushy stalks. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

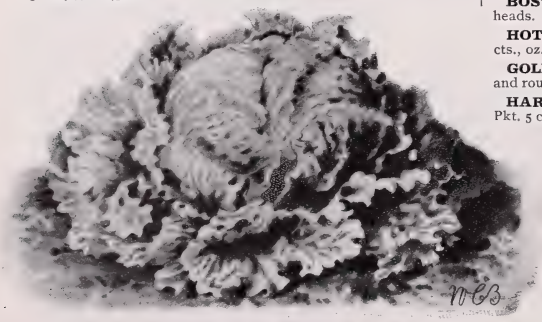
GRAND RAPIDS. Superb for forcing. Leaves light green, much crimped and frilled. Pkt 5 cts., oz. 15 cts., ¼lb. 45 cts.

HANSON. Large heads; leaves green, light yellow within sweet and crisp. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

THE MORSE. Outer leaves light green, inner leaves blanched to a beautiful yellow. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

WHITE STAR. Grows large and rapidly; the leaf is broad, thick and top frilled. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

BIG BOSTON. The solidity and large size of the heads make this of great value for forcing and general crops. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.



Beckert's Golden Curled Lettuce

MAMMOTH BLACK-SEEDED BUTTER. Enormous heads. Adapted for early and late crops. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

MARKET-GARDENERS' PRIVATE STOCK. A selected strain. Solid, large heads. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

MAMMOTH SALAMANDER. Immense heads; withstands heat to an unusual degree. Pkt. 5 cts , oz. 15 cts , ¼lb. 45 cts.

WHITE CHAVIGNE. Forms a very full head, made up of large, well-rounded leaves, which are coarsely savoyed. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

IMMENSITY. Heads of immense size and solid; quality excellent. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

GOLDEN GATE. Produces very large and solid creamy yellow heads; crisp and tender. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

CALIFORNIA CREAM BUTTER. Heads solid, crisp, tender and of creamy yellow color. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

DEFIANCE. One of the best summer varieties; heads large and solid. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

WONDERFUL, or **NEW YORK CABBAGE.** Outside leaves deep green; heads hard, white, crisp; of fine flavor. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

DEACON. Heads large, solid, light green, of fine quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

BOSTON MARKET. A favorite for forcing. Small, compact heads. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

HOTHOUSE. Grows very rapidly; is a sure header. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

GOLDEN QUEEN. Fine for forcing; very early; heads small and round. Pkt. 5 cts., oz. 20 cts., ½lb. 70 cts.

HARDY GREEN WINTER. Best for standing out in winter. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

EARLY CURLED SIMPSON. Sown broadcast and gathered when quite young. Pkt. 5 cts., oz. 15 cts.. ¼lb. 45 cts.

BROWN DUTCH. Leaves green, tinged brown; heads solid. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

REICHNER'S BUTTER. Heads large and solid; fine forcer. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

TRIANON COS. Best of the Cos Lettuces. Pkt. 5 cts., oz. 20 cts , ¼lb. 70 cts.

LAWN GRASS SEED.—If you desire a perfect lawn, use our Evergreen Lawn Seed. See inside of back cover for same and for directions how to make a lawn.

MUSKMELONS

(Muscat Melonen)

Muskmelon seed should not be planted outdoors until the ground has become warm and dry. The hills should be about 6 feet apart, and carefully prepared. Rich earth is far better for the young plants than manure; but if the latter must be used, see that it is well rotted. Plant from six to twelve seeds in a hill, and when the young seedlings are strong enough to resist the attacks of insects, thin them, leaving three of the strongest in each hill. An ounce of seed will plant about 100 hills.

ROCKY FORD, or NETTED GEM. Oval-shaped; small and uniform; thick-meated; flesh light green in color, and uniformly fine, luscious flavor; skin ribbed and thickly netted; prolific. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

PAUL ROSE. Medium sized; flesh salmon and very thick, quality unexcelled; very solid; fine shipping melon. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

PRINCESS. Flesh thick; seed cavity small; flesh rich salmon, fine-grained, sugary and melting. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

MILLER'S CREAM. Medium sized, globe-shaped; very sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

TIP-TOP. Yellow-fleshed, sweet, juicy, and of finest flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

EMERALD GEM. Early; flesh thick and salmon-colored, granular, sweet and delicious. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

EXTRA-EARLY HACKENSACK. Of good size, weighing from 5 to 10 pounds each. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

JERSEY BELLE. Very early; flesh green and of delicious quality. Pkt. 5 cts, oz. 10 cts., ¼lb. 25 cts.

KINSMAN QUEEN. Large and early. Flesh salmon, rich, juicy and delicious. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CANNON BALL. Round, of medium size, heavily netted; flesh light green, good. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

Rocky Ford, or Netted Gem Muskmelon

CHICAGO MARKET. Early; flesh thick, light green, and exceedingly good. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

GRAND RAPIDS. Extra-early yellow-fleshed sort of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

BAY VIEW. Large, early, oblong; flesh green, sweet and spicy. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

SKILLMAN NETTED. Early; roundish oval fruits, with deep green, sweet, perfumed flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CHRISTINA. Extra-early; flesh bright orange, of fine quality and peculiar flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WATERMELONS (Wassermelonen)

Secure good, strong vines early in the season by making the hills large, mellow and well drained, with the manure placed so that they will not dry out quickly under hot suns. All possible protection from insects should be given the young plants, and, as a protection from insects, use dry ashes or coal dust sprinkled over the leaves. Plant the seeds thickly, and thin the plants to four of the strongest in each hill. An ounce of seed will plant about 50 hills.

EARLY FORDHOOK. Extra-early; large, nearly round, skin tough; flesh red and very sweet. Pkt. 5 cts, oz. 10 cts., ¼lb. 25 cts.

COLE'S EARLY. Delicate in texture; fruit nearly round and of medium size; rind thin. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

DARK ICING. Sweet and delicious. Fruits of medium size; firm, delicate, with rich fine flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

Okra

SWEETHEART. Firm and heavy, crisp, melting and exceedingly sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

SEMINOLE. Ripens its large, delicious fruits very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

BLACK DIAMOND. Large, round; skin dark green, tough; flesh good. Pkt. 5 cts, oz. 10 cts., ¼lb. 25 cts.

TRIUMPH. Dark green, large, of fine quality; a fine shipper. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

FLORIDA FAVORITE. Fruits large and long; skin mottled, flesh deep red, sweet and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

RED-SEEDED CITRON. Used for preserves, etc. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

OKRA (Safran)

The tender young pods are used for seasoning soups and stews. Sow the seeds thickly in rich soil about the middle of May, in drills 3 feet apart, and cover the seeds an inch deep. An ounce of seed will plant 100 hills.

IMPROVED DWARF. Grows about 14 inches high. Pods are smooth, tender and well-flavored. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

RHUBARB, or PIE PLANT (Rhabarber)

Sow the seed early, and when the plants are large enough thin them to 4 or 5 inches apart. The next spring or fall transplant them 3 feet apart each way in deep, rich soil. For forcing, take up some large roots and place them in a dark corner of the cellar or greenhouse.

VICTORIA. Late; stocks thick and large; useful especially to prolong the season. Pkt. 5c., oz. 20c.

RHUBARB ROOTS. 10 cts. each, $1 per doz.

A Seed Crop of Yellow Globe Danvers Onions

ONION SEEDS and SETS (Zwiebel)

Good Onion Seed is of the greatest importance

Onions thrive best on a rich, deep, loamy soil. For sets, the seed should be sown very thickly in drills as early as possible in spring. In summer, as soon as the tops die down, harvest the bulbs and store them in a dry, cool place, spreading them in thin layers. Early in the following spring replant them 4 inches apart, in small drills 12 inches apart, and they will form into fine, large bulbs early in the season. Large Onions may also be grown from seed the first season if the land is strong and well manured, the seed sown thinly in drills a foot apart, and the seedlings thinned to stand 3 or 4 inches apart in the drills; they must be well cultivated and kept free from weeds. Five pounds per acre will be required for large onions; for sets, 60 lbs.

YELLOW GLOBE DANVERS. Bulbs of fine shape and good size, while the yield per acre is enormous, averaging from 600 to 800 bushels on good soil and with good culture. Thin, yellow skin and mild, fine-grained white flesh. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts, lb. $1.25.

MICHIGAN GLOBE DANVERS. Bulbs large and uniformly spherical, with very small necks; color rich orange-yellow; enormous yielder and good keeper. Pkt. 5 cts, oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

AUSTRALIAN YELLOW GLOBE. Of perfect globe shape and thin-necked; early, productive and a good keeper. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

FLAT YELLOW DANVERS. Grows to good size, ripens early; mild in flavor and keeps well. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

YELLOW DUTCH, or STRASBURG. Bulbs flat, and attain a good size; yellow color, white flesh, mild flavor; it is one of the best keepers. Grown largely for sets. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

PRIZETAKER. Bulbs very large, round and handsome; rich yellow skin and mild, sweet, pure white flesh, quite free from stiff necks; yields enormously. Pkt. 5 cts., oz. 15c., ¼lb. 45c., lb. $1.50.

PINK PRIZETAKER. Similar to Prizetaker, except in color, being of a rich dark pink. Pkt. 5 cts., oz. 25 cts., ¼lb. 90 cts.

WHITE WINTER. Hardy. Sown in the fall and with slight protection withstands the winter. Pkt. 5 cts, oz. 30 cts, ¼lb. $1.

SOUTHPORT YELLOW GLOBE. Similar to White Globe save that it is light straw-colored. Pkt. 5 cts., oz. 15 cts, ¼lb. 45 cts., lb. $1.50.

SOUTHPORT WHITE GLOBE. A large, showy, globular white Onion. The bulbs grow quite rapidly, and if the seed is sown early, good-sized roots, suitable for using in a green state, are soon formed. They are mild-flavored and keep well. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts, lb. $2.50.

WHITE PORTUGAL, or SILVER-SKIN. Largely grown for sets. Bulbs large, with silvery white skin and sweet, tender white flesh but are mild flavored, and excellent for family use and for pickling. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.25.

MAMMOTH SILVER KING. Bulbs very large, flat, thick; skin thin and silvery white; flesh sweet and tender; early and productive. Pkt. 5 cts., oz. 20 cts., ¼lb. 70 cts., lb. $2.50.

WHITE VICTORIA. Large, white globe-shaped Onion; flesh pure white, crisp and mild; a good keeper. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. $2.25.

Southport White Globe Onions

RED VICTORIA. Of same shape as preceding, skin dark red; flesh slightly tinted, mild and sweet. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

RED WETHERSFIELD. Productive and long-keeping. Bulbs deep purplish red, flat, strong-flavored, and grow to a large size. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

EXTRA-EARLY RED GLOBE. Earliest red Onion, and one of the best keepers; true globe shape. Pkt. 5 cts, oz. 15 cts., ¼lb. 40 cts., lb. $1.25.

ONION SETS (Prices Variable)

Where the seasons are so short that large Onions cannot readily be grown from seed the first season, these are indispensable. Plant about 4 inches apart in drills 12 inches apart, lightly covered and well cultivated.

If sent by mail, add postage at the rate of 10 cts. per quart

WHITE ONION SETS. For early use. Qt. 20 cts., pk. $1.50, bus. $5.

YELLOW DANVERS. Qt. 15 cts., pk. $1.15, bus. $4.

Write for special prices on Onion Seed in large quantities

PARSLEY

Much used for garnishing and flavoring soups, stews, etc. The seed is slow to germinate, and should be sown as early as possible, in drills 12 inches apart, thinning plants in rows 4 to 6 inches apart.

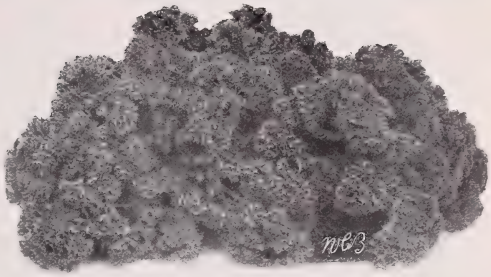
DWARF EXTRA CURLED. Dwarf, with finely curled leaves. Quite decorative, as well as savory. Pkt. 5 cts., oz. 10 cts , ¼lb. 25 cts.

CHAMPION MOSS CURLED. Leaves bright green, finely cut and beautifully curled. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

PLAIN-LEAVED. Best for flavoring; very hardy. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

HAMBURG. A very large-rooted variety; the roots are used for flavoring soups. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

Improved Hollow Crown Parsnip



Dwarf Extra Curled Parsley

PARSNIPS (Pastinaken)

Sow the seed in drills 15 inches apart, as early as possible in spring, and thin the plants until they are 5 or 6 inches apart in the rows. The roots are much improved by frost; to be dug up as required. On the approach of cold weather, cover them heavily with manure or litter. Deep, rich, heavy soil is best suited to the culture of Parsnips, and the roots will be smooth and large if no fresh manure is used; this tends to make them coarse-grained and misshapen. An ounce of seed will sow 100 feet of drill; 5 pounds will sow an acre.

IMPROVED HOLLOW CROWN. The variety most cultivated. The roots are tender and sweet, and their yield per acre is heavy. Always good and in demand. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

GUERNSEY. Roots shorter and thicker than the preceding, but of equally good quality. Pkt. 5 cts., oz. 10 cts , ¼lb. 25 cts.

PEPPERS (Pfeffer)

Sow in hotbed as early as April, and transplant to rich, warm, mellow soil, as soon as the weather has become warm and settled, setting them about 2 feet apart in drills 3 feet apart. The pods are used in making all sorts of pickles. An ounce of seed will produce 1,000 plants.

LARGE BELL, or BULL NOSE. Widely grown, standard old variety, with very large, thick pods. Pkt. 5 cts. oz. 20c.

CHINESE GIANT. Of enormous size, early and very productive; fruit bright scarlet and of thick, blocky form; flesh thick and extremely mild. Pkt. 10 cts., oz. 35 cts.

RUBY KING. Bright red pods, about 5 inches long and 3 or 4 inches thick; mild and pleasant in flavor. Pkt. 5 cts., oz. 25 cts.

SWEET MOUNTAIN. Enormous, mild-flavored pods, much used for mango making and mixing with salads. Pkt 5 cts., oz. 25 cts.

IMPROVED LONG RED. Pods long, curved and tapering. Two inches thick at the stem end; flavor sweet and mild. Pkt. 5 cts., oz. 30 cts.

GOLDEN QUEEN. Pods large, yellow; similar to Large Bell in shape, but milder flavored. Pkt. 5 cts., oz. 20 cts.

LONG RED CAYENNE. Pods long, slender, bright red, very sharp. Pkt. 5 cts., oz. 25 cts.

RED CHILI. Used for making Pepper-sauce. Pods small, conical, scarlet; pungent; plants very fruitful. Pkt. 5 cts., oz. 25 cts.

Large Bell, or Bull Nose Pepper

SALSIFY, or OYSTER PLANT (Bocksbart)

When cooked, the roots have something of the flavor and odor of oysters. They may be boiled, used in soups, or grated and fried as fritters. Culture the same as for parsnips and carrots Roots are perfectly hardy, and may be left in the ground all winter. A quantity of roots for winter use may be stored in a pit or in sand or damp earth in a cellar. An ounce of seed will sow 75 feet of drill.

MAMMOTH SANDWICH ISLAND. Roots large, long, smooth, tender and well-flavored, resembling fair-sized parsnips. This sort needs only to be tried to become exceedingly popular. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

WISCONSIN GOLDEN. Flesh of a yellow cast; grows to a larger size than the standard sort, and of equally good quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

A Seed Crop of Beckert's Chartier Radish

CRISP RADISHES

(Rettig)

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light, sandy soil suits them best. For the forcing crop, sow seeds in hotbeds in rows 5 or 6 inches apart, and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in midsummer. Summer varieties are best adapted for general crop. An ounce of seed will sow about 75 feet of drill.

EARLY, or FORCING RADISHES

ROSY GEM, or **RAPID FORCING.** Globe-shaped, deep scarlet, blending into pure white at the bottom. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

RUBY PEARL, or **SCARLET GEM.** Scarlet, with white tip; early, and one of the best for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

DEEP SCARLET, or **SCARLET BUTTON.** Round; dark red; early and fine forcer. Pkt. 5 cts., oz. 10 cts, ¼lb. 25 cts.

NON PLUS ULTRA, or **FIRE BALL.** Small and globular; deep, rich red color; early and fine forcer. Pkt. 5 cts., oz. 10 cts, ¼lb. 25 cts.

EARLY SCARLET TURNIP FORCING. Deep scarlet; tender, mild and crisp; quick-growing; tops small. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CRIMSON GIANT FORCING. Attains more than double the size of the other forcing Radishes without getting pithy or hollow; flesh firm, crisp and of the mildest flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

EARLY SCARLET GLOBE. Beautiful scarlet; early, crisp, tender and mild; tops small. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WHITE BOX. Turnip-shaped pure white Radish; early; fine for forcing and outdoors. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

VERY EARLY YELLOW. Extremely early, of fine quality, and excellent for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

GOLDEN DRESDEN. Golden yellow skin; crisp, white flesh; for forcing or outdoors. Pkt. 5 cts., oz. 10 cts., ½lb. 25 cts.

WHITE ROCKET, or **EARLIEST WHITE.** Olive-shaped; earliest of its class; fine forcer. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

OLIVE-SHAPED WHITE. The roots are white; flesh firm and crisp. Pkt. 5 cts., oz 10 cts., ¼lb. 25 cts.

RED ROCKET, or **STARTLE.** Olive-shaped; deep scarlet in color; very small top; extremely early. Pkt. 5 cts., oz. 10 cts, ¼lb. 25 cts.

OLIVE-SHAPED SCARLET. Quite early, crisp and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WHITE-TIPPED ROCKET. An improvement on French Breakfast. Olive-shaped; deep rose, tipped white; very early. Pkt. 5 cts., oz. 10 cts, ¼lb. 25 cts.

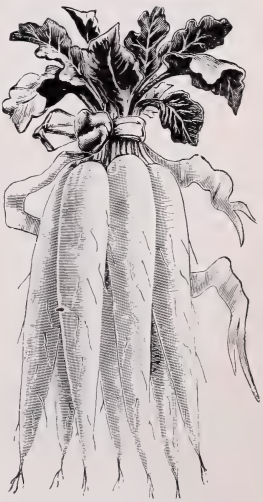
HALF-LONG DEEP SCARLET PARIS BEAUTY. An intermediate sort for forcing or open ground. Pkt. 5 cts, oz. 10 cts., ¼lb. 25 cts.

CINCINNATI MARKET. Scarlet; small top; very early, and probably the best long red variety for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WOOD'S EARLY FRAME. Similar to Long Scarlet, but shorter; much used for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

ICICLE. The finest long white variety extant; flesh semi-transparent, crisp, mild; excellent for forcing and early outdoor crop. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

PEARL FORCING. Shape half-long and thicker than long-growing varieties. Color waxy white; good for forcing. Pkt. 5 cts., oz. 10 cts., ½lb 25 cts.



Icicle Radish

MAIN-CROP RADISHES

BECKERT'S IMPROVED CHARTIER. The finest variety in existence; early as Long Scarlet Short Top, but better in quality; will stand far longer, and is in all respects superior to any other Radish in cultivation. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts

BECKERT'S NONPAREIL, or **WHITE CHARTIER.** A selection from the preceding, and like it in every point except color, which is all white; a very excellent variety. Pkt. 5 cts., oz. 10c., ¼lb. 25c.

MAIN-CROP RADISHES, continued

LONG WHITE VIENNA. Snow-white; flesh crisp, tender and brittle; of rapid growth. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

LONG SCARLET SHORT-TOP. Long, straight and smooth; color very attractive. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

LONG BRIGHT SCARLET. Vivid scarlet, tipped pure white; rapid grower. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

BECKERT'S CHARTIER TURNIP. Local variety of great merit. Pure white, early, remaining tender and solid a long time. Pkt. 5c, oz. 10c., ¼lb. 25c.

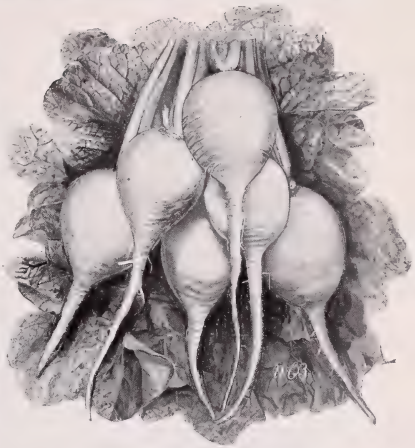
GIANT STUTTGART. Very large; globular in shape; pure white; stands heat well. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

GOLDEN GLOBE. Amber color; sweet and crisp; stands heat and drought. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

WHITE STRASBURG. Half-long and thick; skin and flesh pure white. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

SURPRISE. Early, olive-shaped, light brown; remains in good condition for a long time. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

OLIVE-SHAPED YELLOW. A second-early sort, very small and remains tender for a long time. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.



Beckert's Chartier Turnip Radish

WINTER RADISHES

ROUND CHINA WINTER. Rich scarlet; flesh pure white; also a good summer variety. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CHINESE ROSE. Half-long; flesh pink, solid, of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CALIFORNIA, or **RUSSIAN.** Enormous, with good, solid flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

LONG WHITE SPANISH. Skin and flesh white, solid and mild in flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

LONG BLACK SPANISH. Roots black; the flesh is white and slightly pungent Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

ROUND BLACK SPANISH. Globe-shaped; white-fleshed; piquant flavor. Pkt. 5 cts, oz. 10 cts., ¼lb. 25 cts.

CELESTIAL, or **WHITE CHINESE.** Pure white, firm, tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

PUMPKINS (Kürbisse)

Grown principally for stock-feeding, yet some are so sweet, juicy and fine-grained that they will always be considered indispensable for pies and sauces. The vines require the same culture as that recommended for melons, but the seeds must be planted in hills much wider apart; frequently they are planted among corn. A pound of seed will plant from 200 to 300 hills.

LARGE CHEESE. Both the rind and flesh are orange-colored, and the quality is excellent for cooking purposes. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

SMALL SUGAR. Fruit small, of orange-yellow color; very productive and of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

SWEET POTATO. Medium-sized, pear-shaped; good for pies, etc. Flesh creamy white. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts.

MAMMOTH KING. Enormous golden yellow Pumpkin, grown for stock-feeding. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CONNECTICUT FIELD. The common field Pumpkin, grown for stock-feeding. Pkt. 5 cts., oz. 10 cts, ¼lb. 25 cts.

GOLDEN CUSHAW. Skin and flesh orange-yellow, quality fine. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

STRIPED CUSHAW. Green and white striped; flesh yellow, fine-grained and sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

WHITE CUSHAW. Creamy white shell; quality fine. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

SPINACH (Spinat)

One of the most important crops grown for greens, and may be had in good condition from very early in the spring until cold weather. For early use sow very early in spring, and for succession at intervals. The main crop for spring and winter use should be sown in September and the plants covered for winter. An ounce of seed will sow 50 feet of drill; 30 pounds to the acre.

Victoria Spinach

LONG-STANDING THICK-LEAVED. The best sort for spring sowing. It has large, thick, fleshy, crimped leaves of the Savoy style. Tender and of good flavor. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts.

VICTORIA. Foliage thick, broad, very dark green; it will remain in prime condition two or three weeks after other sorts have run to seed. Oz. 5 cts., ¼lb. 15c, lb. 35c.

VIROFLAY. Good for spring sowing. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts.

NORFOLK SAVOY. Hardy, and well adapted for winter crops. Leaves large and wrinkled, like a Savoy cabbage. Very tender. Oz. 5 cts., ¼lb. 15 cts., lb. 35c.

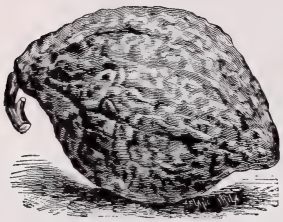
BECKERT'S HARDY WINTER. The plants have long, fibrous tap-roots, which keep them from being uprooted by frost. Sow in fall, so that the plants may form good leaves before cold weather. Oz. 5c, ¼lb. 15c., lb. 35c.

NEW ZEALAND. Grows well during hot summer weather, and is of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

SQUASHES

SUMMER AND WINTER

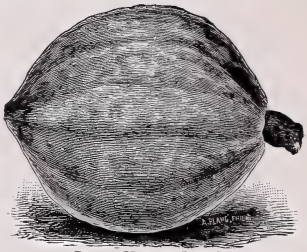
(Spieß-Kürbiß)



Golden Hubbard Squash

Squash seed should be planted about the same time and in much the same manner as cucumbers and melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some plants. An ounce of seed will plant from 20 to 30 hills.

MAMMOTH WHITE BUSH. Fruit large and pure white; flesh excellent. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.



Boston Marrow Squash

GOLDEN CUSTARD BUSH. Large scalloped Squash of rich golden yellow. Quality excellent. Pkt. 5c., oz. 10c., ¼lb. 25c.

PROLIFIC MARROW. Fruit deep orange, rounded, thick, having a small seed cavity. A productive, good-keeping Squash. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

BOSTON MARROW. Well known and popular. Skin and flesh bright orange; of excellent quality. Pkt. 5c., oz. 10c., ¼lb. 25c.

GOLDEN HUBBARD. Skin and flesh deep yellow. Very dry and of excellent flavor. Particularly good for pies on account of its bright color. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

HUBBARD. A standard late Squash. Skin dark green; flesh fine-grained, dry, sweet, late-keeping. Pkt. 5c., oz. 10c., ¼lb. 30c.

WARTED HUBBARD. Large; dark green. Shell very hard, covered with warted knobs. Very thick-fleshed, of the finest quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

ESSEX HYBRID. Round, with flattened ends; large, and keeps sometimes until June. Pkt. 5 cts., oz 10 cts., ¼lb. 25 cts.

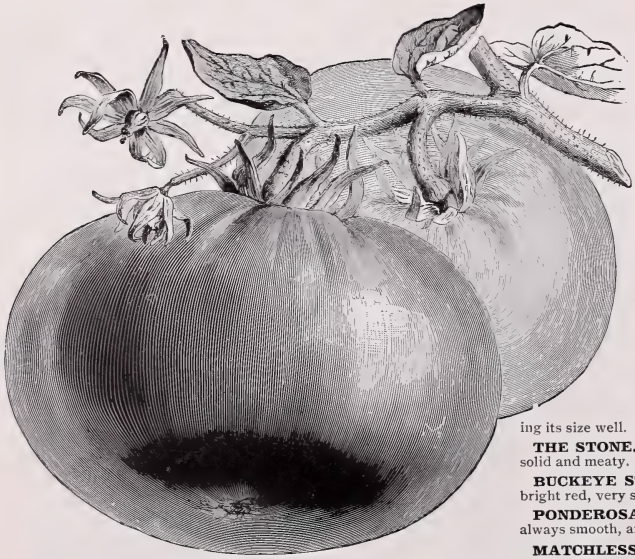
TURBAN. An excellent fall and winter Squash; flesh yellow, sweet and good. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

MAMMOTH CHILI. Very large, orange-colored fruits, which keep well all winter. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CUSHAW. Skin mottled green with white stripes; its yellow flesh is fine-grained and very sweet; fine for pies and baking. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

GOLDEN SUMMER CROOKNECK. Early; fruits yellow; flesh fine-grained and rich. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

WINTER CROOKNECK. A favorite late-keeping winter Squash; yellow skin, sweet, fine-grained flesh. Pkt. 5 cts., oz. 10 cts, ¼lb. 25 cts.



Dwarf Champion Tomato

TOMATOES

(Liebesäpfel)

For early use, sow in February or March in a hotbed or in boxes or pots set in the warm window. When the seedlings are about 2 inches high transplant them to pots, or in rows 4 or 5 inches apart, keeping the temperature at about 60°. Subsequent transplantings will make them branching and stocky, but do not set them in the open ground until all danger from frost is past; then plant them in a warm, sunny place, and water them freely until they are well established. Some support which will keep the fruit above the ground and free from dirt should be given all plants. An ounce of seed will produce about 1,000 plants.

DWARF CHAMPION. Plants compact, stocky and upright; fruit ripens very early and the plants yield enormously. The fruit is always smooth and handsome, ripening close to the core, and never cracking; in shape and color it resembles Acme. Pkt. 5 cts., oz. 25 cts.

BEAUTY. Fruit glossy crimson, large, smooth, solid, never cracking, and holding its size well. Pkt. 5 cts., oz. 20 cts.

THE STONE. Large, smooth fruits of bright scarlet; solid and meaty. Pkt. 5 cts., oz. 20 cts.

BUCKEYE STATE. Large, flat and broad. Fruits bright red, very smooth and solid. Pkt. 5 cts, oz. 20 cts

PONDEROSA. Enormous and of fine quality, but not always smooth, and does not ripen evenly. Pkt. 5c., oz. 30c.

MATCHLESS. Fruits large, rich cardinal-red; skin tough; flesh very solid. Pkt. 5 cts, oz. 20 cts.

LAWN GRASS SEED.—If you desire a perfect lawn, use our EVERGREEN LAWN SEED. See inside of back cover for same and directions how to make a lawn.

TOMATOES, continued

CRIMSON CUSHION. Scarlet-crimson; flesh firm, meaty, of fine quality. Pkt. 5 cts., oz. 25 cts.

ATLANTIC PRIZE. Early; large size; bright red color. Pkt. 5 cts., oz. 20 cts.

THE CENTURY. Early; large and productive; fruit deep scarlet, smooth and plump. Pkt 5 cts, oz. 20 cts.

ENORMOUS. Four to 5 inches in diameter, round and thick through; bright red; fine quality. Pkt. 5 cts., oz. 25 cts.

FORDHOOK FIRST. Fruit deep purple, large, smooth and free from cracks. Pkt. 5 cts., oz. 20 cts.

TRUCKERS' FAVORITE. Fruit deep purple, large and deep through, very smooth and regular. Pkt. 5 cts., oz. 25 cts.

SPARKS' EARLIANA. Very early; medium size, handsome shape and beautiful red color, solid and of fine quality. Pkt. 5 cts., oz. 30 cts.

ACME. Fruit crimson, large, smooth, solid, never cracking. Pkt. 5 cts., oz. 20 cts.

MAGNUS. Fruit large, smooth and uniform. Pkt. 5c., oz. 20c.

STIRLING CASTLE. Best variety for growing under glass; fruit scarlet, of medium size, perfectly smooth, of excellent quality. Pkt. 25 cts.

HONOR BRIGHT. Fruit bright, large and perfect. A good new sort. Pkt. 5 cts., oz. 20 cts.

DWARF ARISTOCRAT. Fruit scarlet; in all other respects similar to Dwarf Champion. Pkt. 5 cts., oz. 20 cts.

FORDHOOK FANCY. Fruits large, solid, ruby red, borne in clusters. Plants compact. Pkt. 5 cts., oz. 20 cts.

GOLDEN QUEEN. Pkt. 5 cts., oz. 20 cts.

DWARF GOLDEN CHAMPION. Similar to the Dwarf Champion, except in color of the fruit. Pkt. 5 cts., oz. 20 cts.

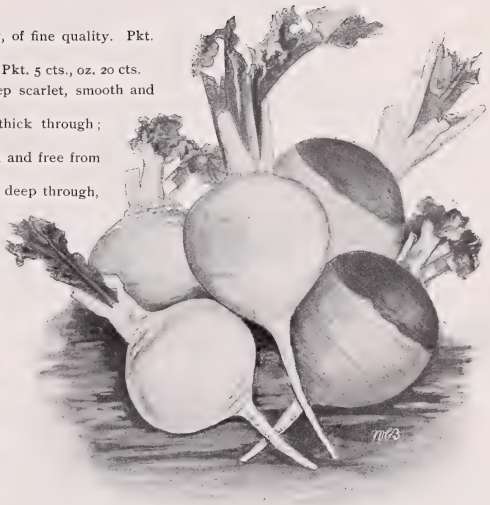
DWARF STONE. (See back cover.) Fruit red, large, early, smooth and very prolific; plant similar to Dwarf Champion; a real acquisition. Pkt. 5 cts., oz. 30 cts.

CHALK'S JEWELL. Fruit bright red, large, smooth, and solid; medium early. Pkt. 5 cts, oz. 30 cts.

IMPERIAL. Large, purple, smooth and early. Pkt. 5c., oz. 20c.

YELLOW PLUM. Used for preserves. Pkt. 5 cts., oz. 20 cts.

RED PLUM. For preserves. Pkt. 5 cts., oz. 25 cts.



White and Red-top Globe Turnip

RED CHERRY. Fruit small and round. Pkt 5c., oz. 25c.

YELLOW CHERRY. Pkt. 5 cts., oz. 25 cts.

STRAWBERRY, or **HUSK** (Winter, or Ground Cherry). Small fruits enclosed in a husk; they have the flavor of strawberries and may be preserved like plums. **Golden Husk,** pkt. 5 cts., oz. 25 cts.; **Purple Husk,** pkt. 5 cts., oz. 25 cts.

Snowball Turnip

TURNIPS (Rüben)

For early, sow as soon as the ground can be prepared, in drills 15 inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of a fortnight until the last week in July, and from that time onward until the last of August sow for main crop. The sowings should always be made just before a rain, if possible, as the success of the crop depends, in a great measure, upon quick germination and rapid growth of the young plants. An ounce of seed will sow 150 feet of drill; two pounds will sow an acre.

WHITE-FLESHED SORTS

EARLY WHITE MILAN. Very early; pure white, and of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

PURPLE-TOP STRAP-LEAF. Grown largely for fall and winter crops. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts, lb. 50 cts.

LARGE EARLY RED-TOP GLOBE. Remarkable for its heavy yield per acre. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

LARGE WHITE GLOBE. Like preceding, but skin pure white. Pkt. 5 cts, oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

COW-HORN. White, fine-grained, sweet flesh. Pkt. 5c., oz. 10c., ¼lb. 15c., lb. 50c.

SNOWBALL. Small and round; very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

WHITE EGG. Oval-shaped; flesh and skin pure white. Pkt. 5c., oz. 10c., ¼lb. 15c.

GOLDEN BALL. Yellow-fleshed, sweet and of fine flavor. Pkt. 5c., oz. 10c., ¼lb. 20c.

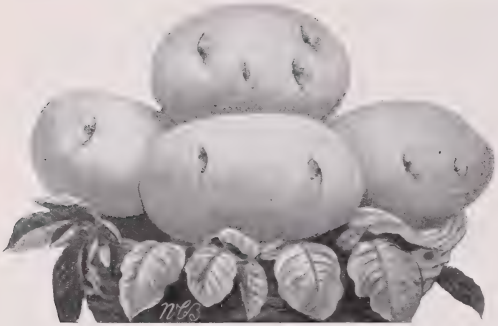
YELLOW STONE. Good for table or stock-feeding; yellow-fleshed. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

RUTABAGAS, or SWEDES

These are grown chiefly for stock, but are excellent for cooking in spring.

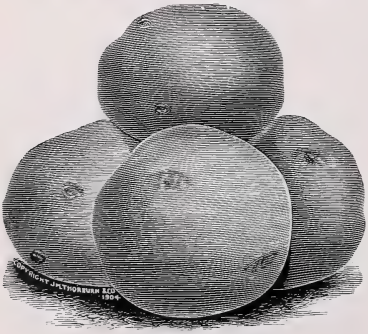
IMPROVED AMERICAN. Large, firm, yellow roots; are hardy and well-flavored. Pkt. 5 cts, oz. 10 cts, ¼lb. 15 cts., lb. 50 cts.

SWEET GERMAN. Large, white; fine quality. Pkt. 5c., oz. 10c., ¼lb. 15c., lb. 50c.



Early Ohio Potatoes

The Bovee Potatoes



Noroton Beauty Potatoes

NORTHERN-GROWN SEED POTATOES

(Kartoffeln) Prices subject to change

Our Potatoes are all choice northern-grown stock, grown especially from seed. We send out no Potatoes in spring before danger of frost is past.

All varieties sent free by mail at 20 cts. per pound, except where otherwise noted. Prices here quoted are based on present value, and are subject to variation without notice.

The Bovee. Early as any Potato yet introduced. In competitive trials with other early sorts it has outyielded them all. Vine dwarf and stocky; tubers grow very close together in the hills. Pk. 45 cts., bus. $1.50.

Early Ohio. Leading early variety; tubers rough in the skin; nearly round, and quite distinct in appearance; cook dry and mealy. Pk. 45 cts, bus. $1.50.

Early Puritan. Skin and flesh white; cook dry and floury; very productive. Pk. 45 cts., bus. $1.50.

Country Gentleman. Resembles Beauty of Hebron, but ripens later and yields better crops. Quality fine. Pk. 45 cts., bus. $1.50.

Rochester Rose. An improvement on Early Rose. Larger in size, fully as early, and a heavy yielder. Pk. 45 cts., bus. $1.50.

Late Puritan. Like Early Puritan in color, quality and general appearance, but larger and far more productive. Pk. 45 cts., bus. $1 50.

Restaurant. A heavy yielder; for the main crop hard to surpass. If you wish to raise a heavy crop of large, handsome Potatoes, this is a good one to plant. Pk. 45 cts., bus. $1.50.

Sir Walter Raleigh. New, large, smooth, oblong, white; heavy yielder for main crops. Pk. 45 cts., bus. $1.50.

Thoroughbred. New. Medium early, long, pink; heavy yielder and of fine quality. Pk. 45 cts, bus. $1.50.

Good News. Skin light pink, like Early Rose; flesh pure white, quality of the very best; although early, it keeps well; very productive. Pk. 45 cts., bus. $1.50.

Early Six Weeks. Of the Ohio class; good for early crop, being extra early and of good quality while still young. Pk. 45 cts., bus. $1 50.

Uncle Sam. Mid-season variety; tubers roundish flattened, smooth, white; heavy yielder, good keeper and of excellent quality. Pk. 45 cts, bus. $1.50.

Vermont Gold Coin. A fine main crop variety; immensely productive; always cooks dry and of finest quality; tubers slightly oblong, with small eyes. Pk. 60 cts., bus. $2.

Early Norther. Of the Rose class; early, productive and of fine quality. Pk. 45 cts, bus. $1.50.

Reeves' Rose. Medium late, sure cropper; very productive and of fine appearance. Pk. 45 cts., bus. $1.50.

Noroton Beauty. Descended from the famous Peachblow and probably the earliest and most productive good early Potato ever grown, yielding as heavy as the medium early sorts; crops planted May 14 were in fine condition for the table July 14; tubers handsome, uniform in size and shape; unsurpassed as a keeper, and of superb quality. Lb. 75 cts, by mail, 85 cts; 2 lbs. $1 30, by mail, $1.50; 4 lbs. $2.40, by mail, $2.75; 8 lbs. $4 25, by mail, $5; per pk. of 15 lbs., by express, $7; ½bus. of 30 lbs., by express, $13.

SWEET POTATOES

Nansemond, or **Yellow Jersey.** The leading variety. Owing to their perishable nature, we cannot keep them in stock, but supply orders booked in advance. Pk. 50 cts, bus. $1.60.

VEGETABLE PLANTS AND ROOTS

Those desiring large quantities should write for special prices

Asparagus Roots. Strong, two-year-old roots, $1 per 100, $7 per 1,000; 3-year-old roots, $1.50 per 100, $12 per 1,000.

Rhubarb Roots. 10 cts. each, by mail 20 cts.; $1 per doz.

Horse-Radish Roots. 10 cts. per doz., by mail 20 cts.; 60 cts. per 100.

Chives. Per clump 10 cts., by mail 20 cts.; $1 per doz.

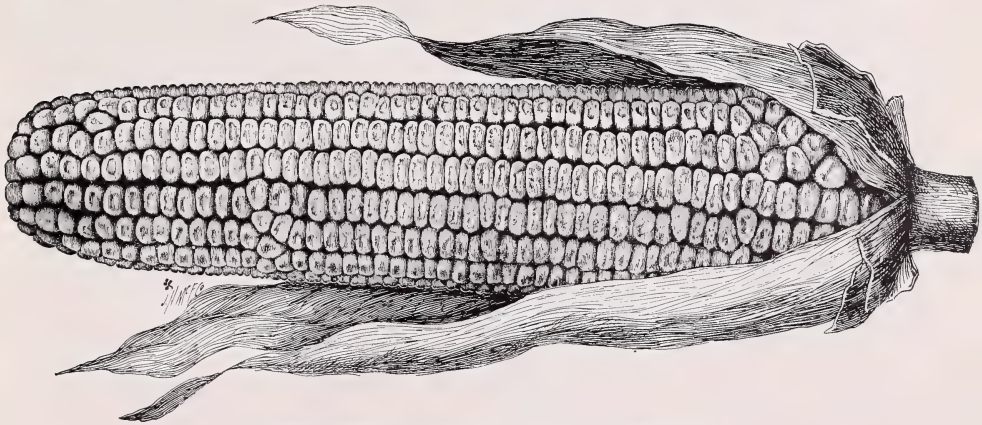
THE FOLLOWING PLANTS ALL IN THEIR SEASON: Beets, Brussels Sprouts, Cabbage, Cauliflower, Celery, Celeriac, Eggplant, Endive, Kohlrabi, Leek, Lettuce, Pepper, Tomato. Ask for prices.

SWEET AND MEDICINAL HERBS

Used for various culinary and medicinal purposes. Sow seeds of the perennials marked thus (*) carefully in hotbeds, early in the spring, and at the proper time transplant in permanent beds, in rows about 18 inches apart, setting the plants a foot apart in the row. In the winter they should be slightly protected with manure. The others are annuals, coming to perfection the first year, after which they die. Sow them in the open air early in the spring, in drills 12 to 15 inches apart, and thin out.

All varieties, 5 cts. per packet

Anise. Used for flavoring and in medicine.
Angelica. Has medicinal virtues.
Asperula odorata. Fragrant leaves and stems.
Balm. Made into Balm tea for fevers.
Bene. Leaves form a mucilaginous drink.
Borage. A pot herb and excellent for bees.
Basil, Sweet. For soups, stews and sauces.
Burnet. For salads and soups.
Caraway. The seeds are used in cakes, confectionery, etc.
Chervil, Curled. Used in soups and salads.
Chamomile. Used for tea.
Chives.* For garnishing.
Coriander. Seeds used in confectionery.
Cumin. For seasoning.
Dill. Used for pickling.
Elecampane. Has valuable tonic properties.
Fennel.* Used for pickling and sauces.
Henbane. Has medicinal qualities.
Hop Seed.
Horehound.* Valuable for medicine.
Hyssop. Used in asthma and chronic catarrh.
Lavender. Used for perfume.
Lovage. Medicinal.
Marjoram, Sweet. Used for seasoning.
Marjoram, Pot. Used for seasoning.
Pennyroyal.* The true Pennyroyal.
Rosemary.* An aromatic, ornamental herb.
Rue.* Used for medicinal purposes.
Saffron. Used for coloring soups, etc.
Sage.* Medicinal, but used principally for flavoring.
Savory, Summer. Used extensively for flavoring.
Savory, Winter. Used for flavoring.
Thyme. Used for sauces, soups and dressings.
Thyme, Winter. Used for flavoring.
Wormwood. Medicinal.



MISCELLANEOUS SEEDS

PRICES VARIABLE

To prices of seeds quoted by the pound, add 8 cents if they are to be sent by mail

BUCKWHEAT, Japanese. Bus. $1.25.
Silver Hull. Bus. $1.25.
BEANS, Early Soja. Bus. $2 50.
CORN, White Cap Yellow Dent. Bus. $1.50, 2 bus. (including sack) $2 75.
Leaming Improved. Bus. $1.50, 2 bus. (including sack) $2 75.
Pride of the North. Bus $1.50, 2 bus. (including sack) $2 75.
Silver Mine Dent. Bus. $1.50, 2 bus. (including sack) $2.75.
Red Cob Ensilage. Bus. $1.50, 10 bus. and over at $1 40.
POP CORN, White Rice, Golden Queen. Pkt. 10 cts, qt. 20 cts ; by mail 35 cts.
FLAX SEED. Lb. 10 cts., bus. $2.
MILLET, Southern German. Market price.
Hungarian. Market price.
OSAGE ORANGE. Lb. 30 cts.
PEAS, Canada Field. Bus. $1.75.
RYE. Pk. 35 cts., bus. $1.35.
RAPE, Dwarf Essex. Lb. 10 cts., 100 lbs. $7.
COW-PEAS. Various sorts. Market price.
SORGHUM, Early Amber. Lb. 10 cts., 100 lbs. $3.
BROOM CORN, Evergreen. Lb. 10 cts., 100 lbs. $3.
KAFFIR CORN. Lb. 10c., 100 lbs. $3.50.
SUNFLOWER, Russian. Lb. 10 cts., 100 lbs. $6.
VETCHES, Winter. The best for both spring and fall sowing. Pk. $1.25, bus. $4.50.

THE NEW NITRO-CULTURE

The United States Department of Agriculture says : "It is worse than useless to attempt to grow any leguminous crop without being certain of the presence of the bacteria which enable the plants to fix free nitrogen. Certain regions are practically devoid of the right kind of bacteria, and, unless some artificial means of inoculating the germs be resorted to, the crop will be a failure." Lack of space prevents us from giving full details of this new discovery. Full descriptive circular and prices sent on application.

GRASS SEED

Prices variable. Prices of Grass Seed fluctuate; rates here given are those ruling at this date. For Grass Seed sent by mail, add postage at the rate of 8 cts. per lb. to prices. Write for special prices on large quantities

Awnless Brome (*Bromus inermis*). Withstands droughts and produces heavy crops. Lb. 20c., bushel of 14 lbs. $2.50, 100 lbs. $16.

Creeping Bent (*Agrostis stolonifera*). Succeeds well in moist situations. Lb. 28 cts., bushel of 20 lbs. $5, 100 lbs. $23.

Crested Dog's-Tail (*Cynosurus cristatus*). Valuable for pasture on hard, dry soils. Lb. 30c., bushel of 21 lbs. $5.90, 100 lbs. $26.

Fine-leaved Fescue (*Festuca ovina tenuifolia*). Flourishes well on dry and sterile soils; well suited for lawns. Lb. 18 cts., bushel of 14 lbs. $2.25, 100 lbs. $14.

Hard Fescue (*Festuca duriuscula*). Thrives well in dry situations where many other grasses will not grow. Lb. 23 cts., bushel of 14 lbs. $2.95, 100 lbs. $19.

Italian Rye (*Lolium Italicum*). Thrives in any soil and yields abundant crops. Lb. 15 cts., bushel of 22 lbs. $2.85, 100 lbs. $9.80.

Kentucky Blue (*Poa pratensis*). Sow in fall or spring at the rate of two or three bushels per acre. Our seed is free from chaff and may be sown almost as easily as Timothy. Fancy quality. Lb. 15 cts., bushel of 14 lbs. $1.50, measured bushel of 21 lbs. $2.30, 100 lbs. $10.50.

Red Top Grass

Lawn Grass. See third page of cover.

Meadow Fescue (*Festuca pratensis*). Valuable for mixtures for permanent pastures. Lb. 17 cts., bushel of 22 lbs. $3.30, 100 lbs. $13.

Meadow Foxtail (*Alopecurus pratensis*). Desirable for permanent pasture on moist soil; early, and rapid in growth. Lb. 26 cts., bushel of 7 lb. $1.70, 100 lbs. $22

Orchard (*Dactylus glomerata*). Rapid in growth and yields a large aftermath; earlier than other grasses. Choicest grade. Lb. 20 cts., bushel of 14 lbs. $2.40, 100 lbs. $16.

Perennial Rye (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels per acre. Lb. 15 cts., bushel of 22 lbs. $2.85, 100 lbs. $9.80.

Sweet Vernal (*Anthoxanthum odoratum*). Mixed with other grasses, it is valuable for pasture on account of its earliness; pleasant in fragrance. Lb. 60 cts.

Red Top (*Agrostis vulgaris*). Very suitable for pasture on low ground. Choice, lb. 15 cts, bushel of 14 lbs. $1.40, 100 lbs. $8 50; fancy, lb. 20 cts., bushel of 32 lbs. $3 60, 100 lbs. $10 50.

Rhode Island Bent (*Agrostis canina*). A very fine variety for lawn or pasture. Lb. 30 cts, bushel of 14 lbs. $3.65, 100 lbs. $24

Rough-stalked Meadow (*Poa trivialis*). Valuable both for moist and dry soils. Lb. 40 cts., bushel of 14 lbs. $4.70, 100 lbs. $31.50.

Sheep Fescue (*Festuca ovina*). Short, very thick in growth; excellent for sheep pasture. Lb. 25c, bushel of 12 lbs. $1.95, 100 lbs. $14.

Tall Meadow Fescue (*Festuca elatior*). Early; suitable for pasture mixtures on wet land. Lb. 35 cts., bushel of 14 lbs. $4.65, 100 lbs. $31.

Tall Meadow Oats (*Avena elatior*). Rapid and luxuriant in growth; valuable for soiling. Lb. 30 cts, bushel of 15 lbs. $4.05, 100 lbs. $25.

Timothy (*Phleum pratense*). Leading grass for hay. 45 lbs. to bushel. Best grades only. Market price.

Wood Meadow (*Poa nemoralis*). Very suitable for sowing under trees. Catches quickly and well. Lb. 35 cts., bushel of 14 lbs. $4.65, 100 lbs. $31.

SPECIAL GRASS SEED MIXTURES

Meadow or **Pasture.** On good land. For one acre, 35 lbs. Bushel of 20 lbs. $2.50.

Permanent Pasture. On good land Gives a good thick, heavy sod that yields abundant pasturage for live stock. For one acre, 35 lbs. Bushel of 20 lbs. $2.80.

CLOVER SEED

Prices variable. Add 8 cents per pound for postage

Alsike, or **Swedish** (*Trifolium hybridum*). Fine for pasturage for ensilage. Lb. 25 cts., bushel of 60 lbs. $9.20.

Alfalfa, or **Lucerne** (*Medicago sativa*). Will bear cutting three or four times during the season. Best clover for bringing up poor land. Lb. 25 cts., bushel of 60 lbs. $10 10.

Crimson Clover (*Trifolium incarnatum*). Very productive; greedily eaten by cattle. Lb. 15 cts, bushel of 60 lbs. $4.50.

Mammoth Red Clover (*Trifolium pratense perenne*). Best grade. Bushel of 60 lbs. market price.

Red Clover (*Trifolium pratense*). Best grade. Bushel of 60 lbs. market price.

Sainfoin, or **Holy Clover** (*Onobrychis sativa*). Lb. 15 cts., bushel of 20 lbs. $2.40.

White Dutch Clover (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season. Highest grade of seed. Lb. 30 cts., 100 lbs. $25.

Yellow Trefoil (*Medicago lupulina*). Used in combination with other grades. Lb. 15 cts., 100 lbs. $12.

POULTRY SUPPLIES

Prepared Poultry Food. For laying hens, turkeys, geese, and all kinds of fowls. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 85 cts., 50 lbs. $1.50, 100 lbs. $2 75.

Chickseat. A perfect food for young chickens; gives them just the right amount of nitrogenous material to develop framework, muscles, flesh-bone and feathers. 3-lb. package, 25 cts.; 7-lb. package, 50 cts.

Green Granulated Bone. Will yield large returns in increased size and greater number of eggs. Lb. 5 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. $1.35, 100 lbs. $2.50.

Rust's Egg-Producer. 1-lb. box 25 cts., by mail 44 cts; 2½-lb. box 50 cts., by mail 94 cts.; 6-lb. box $1, 10 lbs. $1.50, 25 lbs. $3.50.

Rust's Haven's Climax Condition Powder. 13-oz. box 25 cts., by mail 40 cts; 32-oz. box 50 cts., by mail 85 cts.; 5 lbs. $1, 8 lbs. $1.50, 20 lbs. $3.50.

Rust's Liquid Lice-Killer. Qt. 35 cts., ½gal. 60 cts., gal. $1.

Crushed Flint Grit. 5 lbs. 10 cts., 25 lbs. 35 cts, 50 lbs 65 cts., 100 lbs. $1.25.

Crushed Oyster Shells. 5 lbs. 10 cts., 25 lbs. 35 cts., 50 lbs. 65 cts., 100 lbs. $1.25.

Meat-Meal. 5 lbs. 25 cts., 10 lbs 45 cts, 25 lbs. 85 cts., 50 lbs. $1 50, 100 lbs. $2.75.

Lice-Killing Powder. 10c. and 25 cts. per pkg.

Lice-Killing Paint. 10c. and 25c. per pkg.

Roup Pills. 25 cts per pkg.

Sulphur for fumigating. Lb. 10 cts.

Persian Insect Powder. Lb. 40 cts.

SEEDS FOR PIGEONS AND OTHER BIRDS

Buckwheat. Qt. 10c., pk. 35c., bus $1.25.
Canada Peas. Qt. 10c., pk. 50c., bus. $1.75.
Canada Corn. Qt. 10c., pk 50c., bus. $1.75.
Canary Sicily. Lb. 10 cts., 100 lbs. 58.
Hemp. Lb. 10 cts., 100 lbs. $4.75.
Kaffir Corn. Lb 10 cts., 25 lbs. $1.
Lettuce Seed. Lb. 25 cts.
Maw, Blue Poppy. Lb. 25 cts.
Millet, German. Qt. 10 cts., pk. 40 cts.
Rape, German. Lb. 10 cts., 100 lbs. 58.
Rough Rice. Lb. 10 cts., 100 lbs. $6.
Sunflower. Lb. 10 cts., 100 lbs. $6.
Vetches. Qt. 15c., pk. 95 cts., bus. $3.50.

FERTILIZERS

PRICES VARIABLE. FERTILIZERS SOLD FOR SPOT CASH ONLY

Commercial fertilizers are more quickly available as plant-food than manure, less heating and less disagreeable to handle. We offer only the best grades, adaptable to different soils and important crops, at popular prices.

Albert's Plant-Food. Very effective for pot-plants, requiring only a minute quantity to do the work. Can 15 cts , by mail 25 cts.

Bowker's Plant-Food for pot-plants is used by dissolving a teaspoonful to a pint of water, and applying to the soil every few weeks. Pkg. 15 cts., postpaid 25 cts.

Full Value Phosphate. Contains a high percentage of phosphoric acid in an available form. 100 lbs. $1.35, 200 lbs. $2.45, 500 lbs. $5.65, 1,000 lbs. $10 25, ton $18 50.

Banner Phosphate. Strictly pure. 100 lbs. $1.60, 200 lbs. $2.95, 500 lbs. $6.90, 1,000 lbs. $12.75, ton $23 50.

Pure Raw Bone Meal. Contains nothing but pure raw animal bone. Vastly superior to steamed bone. 5 lbs. 22 cts., 10 lbs. 40 cts., 25 lbs. 60 cts., 50 lbs. $1.10, 100 lbs. $1.90, 200 lbs $3.60, 500 lbs. $8.50, 1,000 lbs. $16, ton $30.

Pure Raw Bone Flour. Same as preceding, but fine as dust; acts quickly; fine for florists' work. 5 lbs. 25 cts., 10 lbs 45 cts., 25 lbs. 75 cts , 50 lbs. $1.30, 100 lbs. $2.30, 200 lbs. $4 35.

Dissolved Bone and Potash. Adapted to soils where ammonia is not required. 100 lbs. $1 45, 200 lbs. $2.65, 500 lbs. $6.15, 1,000 lbs. $11.25, ton $20.50.

Pure Potato Manure. Special brand for potatoes. Composed of pure bone, meat, blood, and large percentage of phosphate. 100 lbs. $2, 200 lbs. $3.65, 500 lbs. $8.65, 1,000 lbs. $ 6 25, ton $30.50.

Sheep Manure. A most excellent stimulant, promoting a strong, healthful and rapid growth. 5 lbs. 25 cts , 10 lbs. 45 cts., 25 lbs. 70 cts , 50 lbs. $1.25, bbl. of 175 lbs. $3.50, ton $35.

Peruvian Guano. A well-known stimulant for pot-plants. Use as a liquid, 1 oz. to 8 or 10 gallons of water. Apply once a week. Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. 85 cts , 50 lbs. $1.55, 100 lbs. $2.90, 200 lbs. $5.40, 500 lbs. $12.75, 1,000 lbs. $24.50, ton $47.

Odorless Lawn Fertilizer. A clean high-grade fertilizer especially prepared for us. Produces a rapid, rich green growth of grass. 5 lbs. 25 cts., 10 lbs. 45 cts , 25 lbs. 80 cts , 50 lbs. $1.40, 100 lbs. $2.50, 200 lbs. $4 80, 500 lbs $11.50, 1,000 lbs. $22, ton $42.

Canada Unleached Hard Wood Ashes. Fine for lawns or orchards. Barrel of 200 lbs. $2.50, 400 lbs. $4.75, 1,000 lbs. $11, ton $20. No smaller parcel sold than one barrel of 250 lbs.

Clay's Fertilizer, Imported. Highly recommendable where best results are desired with flowers and vegetables under glass. Sack of 7 lbs. 75 cts., 14 lbs. $1.25, 28 lbs. $2, 56 lbs. $3 50, 112 lbs $6 50.

Thompson's Vine and Plant Manure. Combines immediate with lasting effects. A perfect food for grape-vines and other fruit-bearing plants, for vegetables, chrysanthemums, etc. 5 lbs. 60 cts , 10 lbs. $1, 25 lbs. $2, 50 lbs. $3.50, 100 lbs. $6.50.

Ichthemic Guano. Yields to the soil the exact elements required by the plant in well-balanced proportions. Suitable alike for vegetables, flowers or fruit. 5 lbs. 60 cts , 10 lbs. $1, 25 lbs. $2, 50 lbs. $3.50, 100 lbs. $6.50.

Soft Coal Soot. Stimulates luxuriance of growth and gives darkness and brilliancy to foliage and flowers. 100 lbs. $4.

Muriate of Potash. 80 per cent pure. *Price variable.*

Sulphate of Potash. Best grade. *Price variable.*

Sulphate of Ammonia. Best grade. *Price variable.*

Nitrate of Soda. Best grade. *Price variable.*

Button Bone. For preparing soil for roses, grape-vines, trees, small fruits, etc. 10 lbs 40 cts., 100 lbs $2.50, 200 lbs. $4.50.

Horn Shaving. A fertilizer especially adapted for roses, chrysanthemums, etc. Fine grade. 25 lbs. $1.50, 50 lbs. $2 50, 100 lbs $4.50.

Mapes' Celebrated Fertilizers. State brand and quantity wanted and we will quote prices. No less quantity than 200-lb. sacks.

Thomson's Special Chrysanthemum Manure. Used as an additional stimulant on flowering plants during the growing season; a heaped dessertspoonful will be sufficient for a 10-inch pot, sprinkled over the surface of the soil and watered in with tepid water. This may be given three times during the growing season. The very best results will follow. Lb. 25 cts., 5 lbs. $1.

INSECTICIDES AND FUNGICIDES

Ant Exterminator. Effectual for the destruction of ants. Package 25 cts.

Arsenoid. Used in the same manner as Paris green. ¼ lb. box 10c., ½ lb. box 15c., 1-lb. box 25c., 5-lb. box $1.10, 10-lb. box $2.

Bordeaux Mixture, Powell's. Made ready for use by applying water. 1 lb. makes 5 gallons of spray. Lb. 25 cts., 5 lbs. 80 cts., 10 lbs. $1.40, 25 lbs. $3.25.

Cattle Comfort for insects on domestic animals. Qt. 45 cts., gal. $1.15, 5 gals. $5.

Copperdine for fungus, mildew, rust and black-rot. 1 lb. makes 16 gallons. Lb. 25 cts , 5 lbs $1.

Fir Tree Oil. Destroys all kinds of insects. Dilute according to directions, apply with syringe, or by dipping the plant in it. ½pt. 50 cts., pt. 80 cts., qt. $1.50, ½gal. $2.75, gal. $5.

Fir Tree Oil Soap. Fir tree oil prepared in soap form. ½ lb. 25 cts., by mail 33 cts.

Fostite. Best remedy for mildew, black-rot, leaf-mold, etc. Lb. 15 cts., by mail 30 cts. ; 5 lbs 60 cts., 25 lbs $2.25.

Flowers of Sulphur. For the prevention and destruction of mildew on plants. Lb. 10 cts., by mail 27 cts. ; 5 lbs. 40 cts., 10 lbs. 60 cts., 100 lbs. $5.

Gishurst's Compound. Effectual for preventing and destroying green, brown and black fly, mildew, thrips, mealy bug and scale. Box 50 cts., by mail 65 cts.

Grape Dust. For mildew, mold and rust. Pkg. 10c , 5 lbs. 30c.

Hellebore, Powdered White. For rose-slugs, currant-worms, etc. A small quantity of flour mixed with it gives adhesiveness; dust on with gun or bellows when the foliage is moist. For fluid applications mix 1 pound with 25 to 40 gallons of water. Lb. 25 cts., by mail 40 cts. ; 5 lbs. $1.

Kerosene Emulsion, Powell's. Made ready for use by adding water. 1 pound makes 10 gallons. Lb. 20 cts., 5 lbs. 75 cts.

London Purple. Highest grade. Used for killing potato bugs. Lb 25 cts., by mail 40 cts.

Lemon Oil. Destroys mealy bugs, scale, thrips, etc. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., ½gal. $1.25, gal. $2.

Nicoticide fumigating compound. 4 ozs. 70 cts., ½pt. $1.25, pt. $2 50. Vaporizing apparatus, 50 cts.

Nikoteen. Contains 40 per cent nicotine; 1 pint contains as much nicotine as 200 pounds of tobacco stems. Pt. $1.50, 5 pts. $7.

Nikoteen Aphis Punk. A convenient preparation of nicotine for fumigating. Box of 12 rolls, 60 cts. ; case of 12 boxes, $6.50.

Paris Green, Pure. In boxes, lb. 30 cts., by mail 45 cts.

Permol Kerosene Soap. Superior remedy for scale. Package 10 cts., lb. 30 cts.

Persian Insect Powder. Non-poisonous. A superior grade. Kills all kinds of insects on plants in the garden and in the house. ¼ lb. 15 cts., lb. 40 cts., by mail 55 cts.

Scrofularia Powder. For carpet beetles, roaches and bedbugs. Package 25 cts.

Slug-Shot. This non-poisonous powder requires no further mixing or preparing. It is very effectual in destroying potato bugs, and bugs, beetles, green and black fly, slugs, worms, caterpillars, etc. Package 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 100 lbs. $4.25.

Soft Coal Soot. For slugs, maggots, grub and cutworms. 100 lbs. $4.

Thrip Juice. For scale and mealy bug. Pt. 50 cts.

Tobacco Extract, Rose Leaf. Very strong, and is specially prepared for evaporation; it is sure death to insects. If house is heated by hot water, the extract can be put on the pipes. ½pt. 20 cts., pt. 30 cts., qt. 50 cts., gal. $1.25.

Tobacco Soap, Sulpho. Kills all insect life in the window garden or conservatory. Unsurpassed for roses; also valuable exterminator of moths, cockroaches and carpet bugs. A superior wash for dogs and other animals. Relieves horses and cows from the torment of flies, prevents poultry lice. 3-oz pkg. 10 cts., by mail 13 cts. ; 8-oz. pkg. 20 cts , by mail 28 cts. ; lb. 35 cts., by mail 50 cts.

Tobacco Soap, Pinner's. A very potent specific for insects, parasites and their eggs. May be used either for plants or animals. Lb. 40 cts., by mail 50 cts.

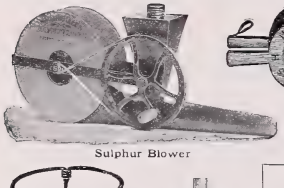
Tobacco Stems. For fumigating. Fresh baled. Bale of about 300 lbs. $2.

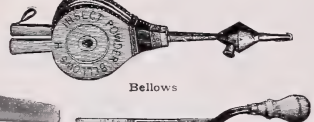
Tobacco Dust. The most effective and cheapest remedy for the flea on cabbage, radish, etc. Package 10 cts , 5 lbs. 30 cts., 10 lbs. 50 cts., 50 lbs. $2, 100 lbs. $3.

Whale Oil Soap. For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb. 15 cts , postpaid 30 cts. ; 2 lbs. 25 cts , 5 lbs. 50 cts.

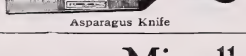
Weed-Killer. For clearing gravel paths and drives from weeds. One application will do for a season. 1 gallon to 40 gallons of water sufficient for 150 square yards of surface Qt. 40c , gal $1 15, 5 gal. $5.

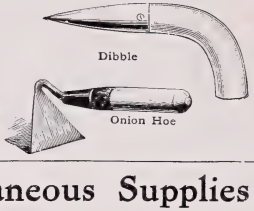
Reade's Electric Worm Eradicator. For removing worms from greenhouses, lawns, flower pots, vases, etc , without damage to the plants. Bottle 50 cts.


Sulphur Blower



Bellows


Asparagus Knife


Dibble

Onion Hoe

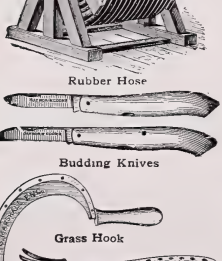
Plant Tub

Carnation Support

Dock Lifter

Garden Reel

Fumigator


Rubber Hose

Budding Knives

Grass Hook

Dandelion Puller

Miscellaneous Supplies

	Each
Asparagus Knives, English, with saw	$1 50
American	3 0
Asparagus Buncher, Acme	1 60
Baskets, Quart Berry...100 50 cts., 1,000 $4.50	
Bellows. Fitted with powder receptacle. Capacity 2, 3, 4, 6, 8, 12 and 16 oz. of powder	
50 cts , 75 cts., $1, $1.25, $1.50, $1.75 and	2 00
Bill Hooks. English	1 25
Blowers, Peerless Sulphur. For spreading dry powder	4 75
Carnation Supports	
2 and 3 rings, doz. 45 cts. and 55 cts.; per 100, $3.25 and $3 75.	
Cocoanut Fiber.....100 lbs. $2.50	
Corn Knives. For cutting down corn stalks	45
Dibbles, Wooden Handle. Steel points 35c. and	45
Dock Lifters	1 00
Dock Cutters	35
Dandelion Pullers	40
Forks, Ladies' Weeding. Long handle, Saynor's	1 00
Ladies' Weeding. Short handle, Saynor's 60 cts. and	75
Weeding, or **Strawberry**	35
Fruit Pickers. Wire	35
Fumigators. For fumigating greenhouses—Nos 1, 2, 3 and 4, holding ½, 1, 2, 3 pks., $1.50, $2, $2.50 and	3 00
Garden Lines.... 100 feet 25c., 300 feet 70c...	
Garden Line Reels, with stake..8-in. $1, 10-in.	1 50
Glass Cutters. Steel wheel	15
Glazing Points, Peerless..... 1,000 60c.; by mail 75 cts...	
Siebert's ....Lb. 50 cts., by mail 65 cts...	
Glazing Point Pincers	50
Gloves, Goatskin. For handling thorny plants	1 25
Grafting Wax..¼ lb. 10c , ½ lb. 15c., lb. 25c..	
Grass Edging Knives, Saynor's..... 8-in. $1.25, 9-in. $1.35, 10-in.	1 50
American. 9-in	75
Grass Hooks, Saynor's. Riveted back	60
American	25
Garden Tool Set. Rake, hoe, spade and spade-fork	2 00
Hanging Baskets. Galvanized wire..... 10-in. 25c , 12-in. 35c., 15-in.	60
Hoes, Scuffle, Saynor's. 4-, 6- and 8-in. blades 45 cts., 60 cts. and	70
Short Handle, Best	35
Transplanting	55
Garden. Long handle, 3 prong	40
Warren	70
Horse-Radish Grater. 3 styles...$8, $10 and	11 00
Hose Nozzle, Daisy. Spray or solid stream.	50
Hose Rubber. In 50-foot lengths, including couplings—	
Puritan.....50 feet, $8.75	
Normal.....50 feet, $6.75	
Hose Couplers. Brass.....pair 20 cts..	
Hose Menders. Brass. ½- and ¾-in., each size...doz. 10 cts , 100 by mail, $1.10..	
Hose Reels. All iron; hold 100 ft	2 75
Hotbed Mats, Burlap. 40 x 76..... doz. $11..	1 00
Burlap. 76 x 76.....doz. $14..	1 25
Waterproof. With waterproof duck on one side. 40 x 76 .....doz. $16..	1 50
76 x 76.....doz. $22..	2 00
Immortelles. Red, pink, blue, white, yellow and purple. Bunch 35c., doz. $3.50..	

	Each
Knives, Budding, American	$0 75
Budding, Saynor's. One blade, round or straight point	1 50
Pruning, Saynor's. .....3-, 3¼-, 3½-in.	1 50
Pruning, American.....75 cts. and	1 00
Pruning. With wooden handle	40

Labels. Painted wooden pots—	100	1,000
4-inch	$0 15	$0 95
5-inch	20	1 30
6-inch	25	1 50
8-inch	40	

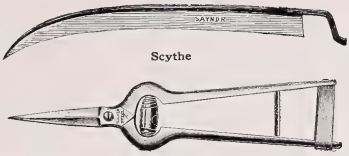
Garden—	
8-inch; 1¾ in. wide	50
10-inch; 1¾ in. wide	65
12-inch; 1¾ in. wide	80
14-inch; 1½ in. wide	1 75
16-inch; 1½ in. wide	2 00

Tree. Painted; copper wired.		
3½-inch	25	1 75

	Each
Lawn Trimmer, Cleveland	$0 40
Leaf-Mold for potting.....100 lbs. $1.50..	
Mastica. An improved putty...gal. $1.25..	
Mastica Machine. For applying	1 25
Mole Trap, Out-of-Sight	90
Reddick	1 00
Moss, Green Log	
Square yard, 40 cts., bbl. $3..	
Sphagnum, Dried.....Bbl. $1.50..	
Sphagnum, Live. For orchid and other plants.....Bbl. $3.50..	
Onion Weeder	50
Paper, Tissue.....Ream, 70c...	
Waxed.....Ream, $2..	
Peat, Fibrous Orchid. For orchids and other plants.....Bbl. $3.50..	
Jersey. For mixing with potting soil Bbl. $1.50..	
Pencils, Indelible, Wolf's. For writing on labels	10
Plantain Pullers	50
Plant-Protecting Cloth. Medium weight.... Bolt of 60 yards, $4.80..	

Plant Tubs, Union. Made of ⅞-inch cypress, light, neat, durable; painted green—	
No. 1. 13½ in. diam., 11½ in. high	90
No. 2. 14 in. diam., 13½ in. high	1 20
No. 3. 16 in. diam., 15¼ in. high	1 50
No. 4. 20 in. diam., 18 in. high	2 00
No. 5. 24 in. diam., 20 in. high	2 75
White Cedar. Painted green, hoops, handles and leg casting painted black; the best tub made—	
No. 8. 12 in. diam., 10 in. high	1 75
No. 7. 13 in. diam., 11 in. high	2 00
No. 6. 14 in. diam., 12 in. high	2 25
No. 5. 16 in. diam., 14 in. high	2 75
No. 4. 18 in. diam , 16 in high	3 00
No. 3. 21 in. diam., 18 in. high	3 75
No. 2. 23 in. diam., 20 in. high	4 25
No. 1. 25 in. diam., 22 in. high	4 75
No. 0. 27 in. diam., 24 in. high	5 25
Wood Fiber. With saucers; painted green 9, 11 and 12 in diam , $1, $1.25 and	1 75
Powder Gun, Cyclone	10
Jumbo	20

Pruning Tree Hook and Saw, Little Giant. Light and very strong. The saw can be detached when not required—	
Hook and saw without pole	1 50
Hook only	1 00

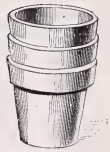


Scythe

Vine Scissors

Pruning Shears

Trowel


Flower Pots

	Each
Pruning Tree Saw and Knife, without pole	$1 25
Putty Bulbs. For applying mastica and putty.....By mail, $1.10..	1 00
Putty, Twenlow's English.....Gal. $1.30..	
Machine. For applying	1 25
Raffia. For tying.....Lb. 25c., 5 lbs. $1..	
Rakes, Steel.....14- and 16-toothed 45c. and	50
Saw, Pruning, Saynor's.....	
14-, 16- and 18-in. blades $1.25, $1 50 and	1 75
Pruning, American.....60 cts. to	1 25
Scissors, Bow Pruning. 4½-in.....	80
Vine. 7-in.....	1 25
Scythes, Lawn. 30- and 36 in. blades $1.25 and	1 50
Scythe-Stones, Welch Talacre.....	15
Seeder, Indiana Broadcast.....	1 50
Eureka. For sowing in hotbeds.....	1 00
Shears, English Hedge, Saynor's. With pruning notch.....	
8-in. blade, $1.50; 9-in. $1 75; 10-in.	2 00
Grass Border, Saynor's.....	
8-in. blade, $2.25; 9-in. $2.50; 10-in.	2 75
Grass Border, Saynor's, with wheel. 8-in. blade.....	2 50
Grass Lawn, Saynor's. Two wheels to use under shrubbery and fences. 9-inch blade.....	3 00
Lopping, Saynor's.....	
27-in. handles $2; 31-in. $2.50; 38-in.	3 00
Sheep or **Grass, Saynor's.** Bow spring....	1 10
Sheep or **Grass, American**.....50 cts. and	75
Pruning. Wheel spring. Ladies' polished 6½-in.....	1 25
Pruning. Wheel spring.....	
7-, 8-, 8½- and 9-in., $1.15, $1 25, $1 50,	1 75
Pruning, German.....	50
Tree-Pruning. Pole.....	
4-ft. 75c., 6-ft. 85c., 8-ft. $1, 10-ft. $1.15 and 12-ft.	1 25
Silkaline. For stringing smilax..... Spool, 25c., lb. $1.50..	
Spades, Steel.....	90
Spading Forks. 4 tines.....	90
Sprinkler, Lawn. The Comet.....	5 00
Lawn. The Cleveland.....	50
Rubber.....By mail, $1.10..	1 00
The Admiral.....	3 50
Stakes, Cane. 8 to 10 feet long; can be cut in lengths to suit..... 100 $1, bundle of 250 $2, 1,000 $7 50..	
Cane. Extra heavy; 10 to 12 ft. long.... 100 $1 50, 1,000 $12..	

Wooden, Round Tapering. Painted green—

	Doz.	100		Doz.	100
1½ feet....	$0 17	$1 00	3½ feet....	$0 65	$4 20
2 feet.....	30	1 75	4 feet.....	80	5 45
2½ feet....	40	2 50	5 feet.....	90	6 10
3 feet.....	52	3 35			

Heavy Dahlia. Painted green—

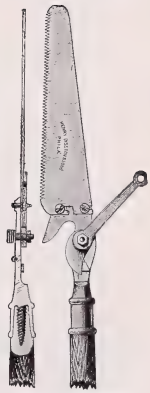
	Doz.	100			
3 feet.....	$0 80	$5 00	4 feet.....	1 15	7 00
3½ feet....	90	5 95	5 feet.....	1 30	8 65
			6 feet.....	1 60	10 60

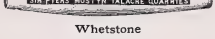
Galvanized. No. 9 wire—

2 feet...per 100,	$0 70	3½ feet.....	1 25
2½ feet.. "	85	4 feet.....	1 40
3 feet.... "	1 05	5 feet.....	1 75

Syringes, Brass, Saynor's—	Each
No. 00, 12 in. barrel, 1¼ in. diam.; 1 jet, 1 spray.....	$2 00
No. 1½, 16 in. barrel, 1¼ in. diam.; 1 jet, 2 sprays.....	4 50
Syringes, continued	Each
No. 11½, 18 in. barrel, 1½ in. diam.; 1 jet, 1 spray.....	$4 00
No. 3, Ball Valves, 18 in. barrel, 1½ in. diam.; 1 jet, 2 sprays.....	6 00
No. 5, Knuckle Joint, 16¼ in. barrel, 1½ in. diam.; 1 jet, 2 sprays.....	7 25
Trowels, Transplanting.....	40
Tree Scrapers.....	25
Cleve's Angle.....5-in. blade 15c., 8-in.	25
Forged Steel. Blade and shank one piece 6-in.	40
Sheet Steel. Blade and shank one piece 6-in.	25
Thermometers, Japanned Tin, Tested.....	65
Self-Registering. Register heat and cold.	2 50
Hotbed or **Mushroom**.....	1 50
Tin Foil. For wrapping.....Lb 15c..	
Transplanter and **Automatic Fertilizer**.....	25
Vine Cutters. Long handles.....	50
Watering Cans. Heavy galvanized iron, with 2 copper sprays..... 6, 8, 10, 12 qt. $1.75, $2.10, $2 30 and	2 75
Extra sprays.....	25
Low. For greenhouses.....4 qt.	1 25
Weeders, The Cleveland.....	75
Gem.....	25
Hazeltine.....	25
Excelsior.....	10
Eureka.....	25
Wire, Annealed. Florists' stemming, cut in lengths....12-in., No. 21, box of 12 lbs. $1.25, No 23, $1.35..	

Self-Registering Thermometer


Tree Saw and Hook Combined



Whetstone

PUMPS AND SPRAYERS

Perfect Barrel Spray. Has brass upper and brass-lined lower cylinder, all-brass plunger, brass check valve, brass valve seat, and fitted with agitator. The best spray barrel pump ever offered; single-acting in the suction and double-acting in discharge. Discharges half the water on the up stroke and half on the down.

No. 311, with 1-inch suction pipe, strainer, 5 feet of ½-inch discharge hose, graduated Vermorel nozzle, and either jet or dasher agitator (state which). Each, $9 50.

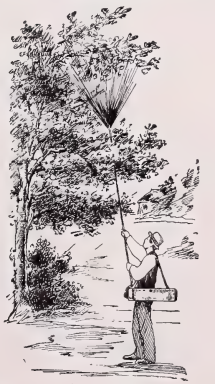
No. 312, with 1-inch suction pipe, strainer, two leads of ½-inch discharge hose, two graduated Vermorel nozzles, and either jet or dasher agitator (state which). Each, $10.50.

Little Giant Spray. Brass. The labor of pumping is all done on the down stroke of the piston and nothing on the up stroke. The foot-rest steadies the pump, holding it in position. Each, $3 50.

Daisy Force. Cheap and effective. Will throw a steady stream 40 to 50 feet. Each, $1.

The Auto Sprayer. Eight to ten strokes of plunger in air-chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the sprayer can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter acre of potatoes. The sprayer is light and, being carried by a shoulder-strap, a boy can carry it with ease and can cover ten times more area in a day than can be covered with the old style sprayers. Made of brass, $6 25; of galvanized steel, $4.75. Extension pipes, 2-ft. lengths, brass, 35 cts.; steel, 30 cts.

Sprayer, Vaporizing. The best..... 1 25


Auto Sprayer

Daisy Force Pump

Weeder

Standard Flower Pots. When shipped direct to the purchaser from the factory, in quantities of 100 to 1,000 of a size, we allow 10 per cent discount from these prices.

	Doz.	100	1,000
1½ in.	$0 07	$0 55	$4 50
2 in.	08	60	5 05
2¼ in.	09	70	5 85
2½ in.	10	80	6 80
3 in.	13	1 00	8 80
3½ in.	17	1 25	11 00
4 in.	20	1 40	12 40
4½ in.	25	1 80	16 15
5 in. ea. 4c.	35	2 35	
6 in. ea. 6c.	50	3 70	

Fern and Seed Pots—

Width—Depth	Each	Doz.
5 x 3¼ in.	$0 04	$0 35
6 x 3¼ in.	06	55
7 x 3¼ in.	10	85
8 x 3½ in.	12	1 00

Azalea and Bulb Pots—

Width—Depth	Each	Doz.
6 x 4½ in.	$0 07	$0 70
7 x 5 in.	11	92
8 x 5½ in.	17	1 45

Orchid Pots—

	Each	Doz.
5 in.	$0 13	$1 35
6 in.	17	1 80
7 in.	22	2 25
8 in.	26	2 70
7 in.	100, $5.90	$0 09	$0 85
8 in.	100, $8.85	14	1 25
9 in.		22	1 85
10 in.		29	2 50
11 in.		40	3 15
12 in.		55	
13½ in		75	
15 in.		1 10	
16 in.		2 00	
18 in		3 00	
20 in.		3 95	

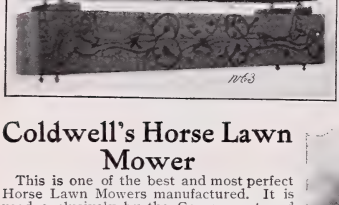
Width—Depth	Each	Doz.
9 x 3½ in.	$0 22	$1 95
10 x 3½ in.	27	2 25
11 x 3¾ in.	35	2 65
12 x 4 in.	40	3 15
13½ x 8 in.	65	5 40

Width—Depth	Each	Doz.
9 x 6 in.	$0 25	$2 05
10 x 6½ in.	31	2 45
12 x 8 in.	45	3 70
15 x 8½ in.	95	

Fern Dishes—

	Each	Doz.
5 in	$0 07	$0 55
6 in.	08	65
7 in.	09	75
8 in.	10	1 00

Wharton's Patented Mosaic Flower Boxes. These Mosaic Flower Boxes and Jardinieres can be made in almost any size, although the standard size of the window boxes is 36 in. long, 8 in. wide and 7 in. high, and of the Jardinieres is 12 by 12 in. on top, and 10 by 10 in. on bottom and 12 in. high. These sizes can be changed to suit the space they are to occupy. The manner of construction makes them almost indestructible, nothing being used but a steel frame covered with hydraulic cement, the mosaic being placed in so that the cement and heavy glass mosaic are about all that is exposed, and exposure will do neither of these any harm. The numerous designs and effects that can be produced by this manner of decoration are so great that it would be useless to go into that. We think that when they are seen, all who see them will be convinced that they are the best goods ever made for the purpose. The price for the regular standard size of the above boxes and jardinieres is $15 apiece, for extra lengths of boxes $2 per foot. Additional price for special designs.



Round Seed Pans—

	Each	Doz.
9-inch	$0 20	$1 95
12-inch	35	3 25

Pot Saucers—

Size	Each	Doz.
4-inch	$0 24	
5-inch	$0 03	30
6-inch	04	36
7-inch	05	50
8-inch	07	65
9-inch	$0 10	$0 85
10-inch	11	1 05
12-inch	17	1 60
14-inch	20	
15-inch	35	

Wood Fiber Pot Saucers—

Size	Each	Doz.
4-inch	$0 07	$0 80
5-inch	08	87
6-inch	09	90
7-inch	10	1 00
8-inch	11	1 05
9-inch	12	1 15
10-inch	13	1 25
12-inch	14	1 50
14-inch	17	1 90

Wood Fiber Roller Stands. Hardwood rollers and ball-bearing casters. Save carpets and floors. Will not soak or rust.

	Each
12 in. diam. for 10-in. pot.	$0 55
14 in. diam. for 12-in. pot.	65
16 in. diam. for 14 in. pot.	80
18 in. diam. for 16-in. pot	$0 90
20 in diam. for 18-in. pot	1 10
22 in. diam. for 20-in. pot	1 30

Wood Fiber Vases for cut-flowers. Neat and durable.

	Each
No. 0. 8 in. inside diameter; 13 in. inside depth	$0 50
No. 1. 5½ in. inside diameter; 10 in. inside depth	40
No. 2. 4½ in. inside diameter; 9 in. inside depth	35
No. 3. 4 in. inside diameter; 6 in. inside depth	30
No. 4. 3 in. inside diameter; 4½ in. inside depth	25
No. 00. 9 in. inside diameter; 22 in. inside depth	90
No. 11. 5½ in. inside diameter; 18 in. inside depth	50
No. 22. 4½ in. inside diameter; 15 in. inside depth	40
No. 33. 4 in. inside diameter; 12 in. inside depth	35
No. 44. 3 in. inside diameter; 9 in. inside depth	30
No. 000. 9 in inside diameter; 29 in. inside depth	1 75

Coldwell's Horse Lawn Mower

This is one of the best and most perfect Horse Lawn Mowers manufactured. It is used exclusively by the Government, and on the largest public and private lawns in the country. These Mowers are furnished with shafts, seat and side-draft attachment, which keeps the horse on the cut grass only. Each Mower is warranted to give complete satisfaction. 30-inch cut $65, 35-inch cut $78, 40-inch cut $95.

COLDWELL'S PARK LAWN MOWER

Invaluable when the grass is unusually heavy or tough; sizes 14-, 16-, 18- and 20-inch. Price same as corresponding sizes of the Imperial.

GEARED ROLLER MOWERS

For Edging. 4 blades. 12-inch $9.50, 14-inch $10, 16-inch $11.

For Golf Links. 6 blades. 12-inch $9.80, 14-inch $10.15, 16-inch $11.45, 18-inch $12.30, 20-inch $14.

LAWN VASES

Terra-Cotta Painted White

In various sizes and beautiful designs from $5 to $40. Prices and styles submitted on application.

Imperial Lawn Mower

HORSES BOOTS Used in Mowing Lawns

Extra well made. Will outwear two sets of cheap boots. Per set of four, $3.50.

LAWN ROLLERS

Cast-Iron Hand Power. From 150 to 700 pounds in weight, costing from $8 upward.

One-Horse Steel. From 500 pounds upward. Prices and sizes of Lawn Rollers on application.

GRASS CATCHERS

12-inch $1.50, 14-inch $1.60, 16-inch $1.85, 18-inch $2, 20-inch $2.15.

IMPERIAL LAWN MOWERS

After careful consideration, we have decided upon offering the "Imperial" as our best Mower. These Mowers are used by the Government, and on the lawns of the leading public grounds throughout the country. Descriptive illustrated catalogue of these Mowers, including **Special Mowers for golf and large park lawns,** sent on application. **Prices,** 12-inch, low wheel, $7; 14-inch, high wheel, $8; 16-inch, high wheel, $9; 18-inch, high wheel, $10; 20-inch, high wheel, $11.

APEX LAWN ROLLERS

No.	Weight, pounds	Low list price
1	150	$7 60
2	200	10 00
3	225	11 20
4	250	12 40
5	250	12 40
6	300	14 80
7	300	14 80
8	350	17 20
9	400	19 60
10	450	22 00
11	450	22 00
12	500	24 40
13	500	24 40
14	500	24 40
15	600	28 20
16	650	31 60

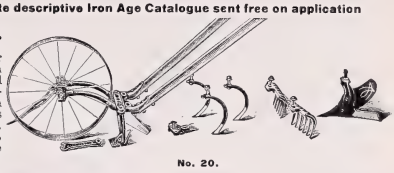
IRON AGE FARM and GARDEN IMPLEMENTS

These tools are most satisfactory and are well known to be the BEST. A complete descriptive Iron Age Catalogue sent free on application

No. 6 Iron Age Combined Double or Single Wheel-Hoe, Hill and Drill Seeder

Ease of adjustment and operation, lightness with strength and accuracy in hilling or drilling the seed are valuable features of this combination tool. Ten tools in one, and each one as satisfactory as a tool made for the special purpose. Places the seed in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. **Price, complete, as in cut, $11.** The double wheel-hoe form of this tool is shown in our No. **1**.

No. 6.



No. 20.

No. 20 Iron Age Single Wheel-Hoe

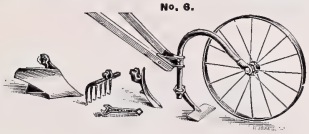
A most complete single wheel tool. One pair side hoes, three cultivator teeth, one pair of rakes and a plow are furnished. **Price, complete, $5.50.** With plain hoes only (as No. 21), **$3.50.** Can be used as a seed drill at any time by adding the seeder attachment.

No. 18 Iron Age Drill Seeder

This tool possesses all the qualities of a plain, continuous row seeder, and is the lowest-priced Iron Age Drill made. **Price, $6.50.**

No. 12 Iron Age Wheel Plow and Cultivator

Remarkable for its exceeding lightness, great strength and variety of work it will accomplish. **Price, complete, $3.25.** With landside plow only (as No. 11), **$2.25.**

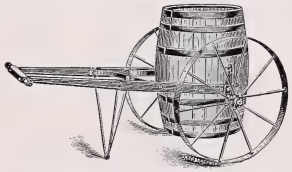


No. 12.

No. 18.

The Iron Age Combined Barrel Truck, Hand Cart and Leaf Rack

Barrel can easily be detached from truck. Truck and trunnions, with 1½-inch wheel, **$7;** 2½-inch wheel, **$7.75;** 3½-inch wheel, **$8.50.** Extra for barrel, **$2.25;** box to fit on truck, **$3;** leaf rack to fit on truck, **$5;** sprinkler attachment, **$3.25.**

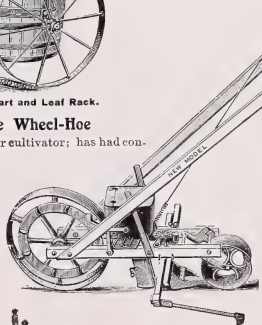


Iron Age Barrel Truck, Hand Cart and Leaf Rack.

No. 4 Iron Age Combined Double Wheel-Hoe and Drill Seeder.

The Gem Single Wheel-Hoe

Can be used also as plow or cultivator; has had continued demand for years. **Price, complete, $4.50; with 5 teeth only, $3.25. Gem Double Wheel-Hoe, complete, $5.50.**



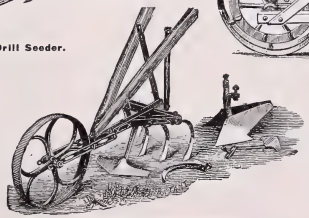
The New Model Seed Drill.

The New Model Seed Drill

has been in use for many years, and is well known to be truly a model for satisfactory work. The wheel is large and broad; index plain and reliable, and all is first-class. **Price, $7.50.**

No. 4 Iron Age Combined Double Wheel-Hoe and Drill Seeder

What is said of No. 6 is largely applicable to this tool, except that it does not sow in hills. As a double or single wheel-hoe, plow, cultivator or rake, it is identical. **Price, complete, $10.** As a drill seeder only (No. 5), **$7.**



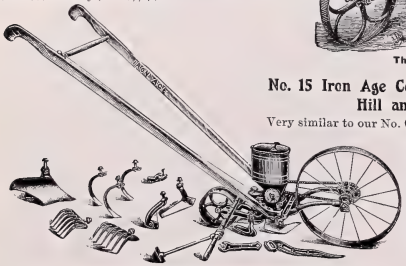
The Gem Single Wheel-Hoe.

No. 1 Iron Age Double Wheel-Hoe

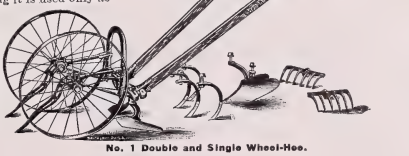
One of the best tools made. Can be used as single wheel, cultivator, plow or rake. **Price, complete, $6.50.** With side hoes only (as No. 3), **$3.75.** A seeder attachment, or a hill and drill seeder attachment, can be added at any time, and the tool converted into a No. 4 or No. 6 combined seeder.

No. 15 Iron Age Combined Single Wheel-Hoe, Hill and Drill Seeder

Very similar to our No. 6 as above, excepting it is used only as a single wheel. **Price, complete, $10.** The No. 17 Iron Age (similar to this, but sows only in continuous rows), **$9.** No. 16 Iron Age Hill and Drill Seeder (as a seeder only), **$7.50.**



No. 15 Iron Age Combined Single Wheel-Hoe, Hill and Drill Seeder.



No. 1 Double and Single Wheel-Hoe.

Select List of Flower Seeds

A Revised List of the Best and most Popular Sorts, including Seeds of Annuals, Biennials, Perennials, and Stove and Greenhouse Plants

IN THE following pages we offer a careful and choice selection of fresh and pure Flower Seeds, including the best old and new varieties. No need of the flower garden has been neglected, for seeds of plants adaptable for every ornamental purpose, covering a wide range of form and color, height and habit, and the whole season with their bloom, may be found here.

OUR FLOWER-SEED PACKETS are large and beautifully lithographed in colors, with directions for culture printed on one side; they are well filled with tested seeds of strong germinating power.

THE HEADINGS OF THE VARIOUS DIVISIONS which follow—**Choice Annuals for Bloom the First Season, Perennials for Permanent Planting, Ornamental Climbers, Seeds of Greenhouse Plants**—make so clear the nature of each class of seeds offered that the usual puzzling and arbitrary signs and abbreviations are unnecessary. The copious index on the last page of the Catalogue will be found helpful to all who, without understanding plant habits and classifications, wish to turn quickly to any species.

Annuals, Blooming First Season

ABRONIA

Pretty trailers. Flowers in Verbena-like clusters; sweet-scented.

Arenaria. Fine yellow. Pkt. 5 cts.

Umbellata grandiflora. Pure rose. Pkt. 5 cts.

ADONIS. Bright scarlet flowers of long duration; foliage feathered; 1 foot. Pkt. 5 cts.

AGROSTEMMA (Rose of Heaven), **Dwarf Fringed.** Finely fringed bright rose flowers. Pkt. 5 cts.

AGERATUM

Of neat, vigorous growth and free-blooming habit. Blooms the whole summer.

Lasseauxi. Fine clusters of bright rose, borne long and abundantly. Pkt. 5c.

Imperial Dwarf White. Large clusters of flowers; plant handsome and free-flowering. Pkt. 5 cts.

Blue Perfection. Flowers large and deep blue; 1½ ft. Pkt. 5 cts.

Princess Victoria Louisa. Dwarf and compact; flowers light blue with white center. Pkt. 5 cts.

Ageratum, Blue Perfection

Arctotis grandis

ANAGALLIS (Pimpernel). Low-growing; forms a mat of bright red, white, pink and purple flowers. Pkt. 5c.

ARCTOTIS grandis. A very bushy, free-flowering plant, with whitish foliage and ray-formed, pure white flowers tinged with a yellow zone at the base; blooms all summer; 2½ feet. Pkt. 10 cts.

ARNEBIA cornuta (Arabian Primrose). Golden yellow flowers with dark brown spots; plant 2 feet high and bushy. Pkt. 10 cts.

ALYSSUM

A great favorite for bouquets and house culture, as well as for outdoor baskets and border edging.

Benthami (Sweet Alyssum). Trailing; flowers white, very sweet. Pkt. 5 cts., oz. 25 cts.

Little Gem. Dwarf, spreading, covered thickly with very fragrant white flowers. Pkt. 5 cts., oz. 35 cts.

White Carpet. Blooms profusely the whole season; plants only 2 to 3 inches high. Pkt. 5 cts., oz. 40 cts.

AMARANTUS

Tall, with showy, variegated leaves and long racemes of flowers.

Caudatus (Love-lies-bleeding). Blood-red; 3 feet tall. Pkt. 5 cts.

Cruentus (Prince's Feather). Dark red; 3 feet. Pkt. 5 cts.

Henderi. Brown, dark red and bronze. Pkt. 5 cts.

Nobilis pyramidalis. Very ornamental; 3 feet. Pkt. 5 cts.

Tricolor (Joseph's Coat). Foliage scarlet, yellow and green; 4 feet. Pkt. 5 cts.

Brilliant. Bright red, end of branches carmine rose, red and yellow. Pkt. 5 cts.

Sulpherine. Lower leaves green, toward the middle sulphur-yellow with green points, heads and side shoots pure yellow. Pkt. 10 cts.

ASTERS

The Aster is a royal annual, glorifying the garden with a rich display of bloom until the chrysanthemum, for which it is a fitting forerunner, begins to open its buds. The different sorts are grown in gardens everywhere. Our collection includes distinct forms and varieties of rich color.

VICTORIA. Large, showy flowers, perfectly double to the center, with regularly overlapping petals; distinguished in appearance, and excellent for cutting. The plants form pyramids 18 inches high and carry 15 to 20 flowers.

White, Azure-Blue, Rose, Peach Blossom, Scarlet, Crimson, Dark Blue and **Mixed.** Each, pkt. 10 cts.

GIANT VICTORIA, or WASHINGTON. A very large-flowering form of the Victoria Aster; flowers very double and 5 to 6 inches in diameter.

Pure White, Peach Blossom, Crimson, Light Blue, Dark Blue, Fiery Scarlet and **Mixed.** Each, pkt. 10 cts.

DAYBREAK. Delicate shell-pink flowers; erect and graceful habit. Pkt. 10 cts.

PURITY. Flowers pure white and very double; in other respects similar to Daybreak. Pkt. 15 cts.

SNOWDRIFT. Extremely early snow-white flowers of the ostrich plume type; long-stemmed and fine for cutting. Pkt. 15c.

LAVENDER GEM. Large, loose flowers of the Comet type, long stems and branching habit; beautiful shade of lavender-blue. Pkt. 15 cts.

PEONY-FLOWERED PERFECTION. Peerless in form and rich and delicate colors of its flowers.

White, Rose, Crimson, Scarlet, Dark Blue, Light Blue and **Mixed.** Each, pkt. 10 cts.

QUEEN OF THE MARKET. This variety is three weeks earlier than others, and of dwarf, branching habit. Excellent for growing under glass.

Rose, Pure White, Crimson, Dark Blue, Light Blue and **Mixed.** Each, pkt 10 cts.

Daybreak

EMPRESS FREDERICK COMET. Plant dwarf and compact; flowers of the purest white and 4 to 5 inches in diameter; fine for cutting and as a pot-plant. Pkt. 10 cts.

GIANT COMET. Immense flowers, with long, wavy, twisted petals; fine for cutting.

White, Light Blue, Dark Blue and **Mixed.** Each, pkt. 10 cts.

GIANT BRANCHING COMET. A splendid new Aster of branching habit and very vigorous growth; flowers loose and graceful, produced on long stems. Fine for cutting.

Carmine, Rosy Pink, Pure White, White Striped Pink and **Mixed.** Each, pkt. 10 cts.

VICK'S PURE WHITE BRANCHING. Fine for cutting. Flowers very large, graceful, borne on long stems. Pkt. 10 cts.

SEMPLE'S BRANCHING. A choice late-flowering strain, which, by careful selection, has been brought to high perfection.

Rose, Carmine, Crimson, Purple, White, Pink, Lavender and **Mixed.** Each, pkt. 10 cts.

SUNLIGHT. Flowers sulphur-yellow in color, 3 to 4 inches in diameter and of fine form, borne on long, stiff stems. Pkt. 10 cts.

OSTRICH PLUME TERRA COTTA. A very distinct new color; flowers over 5 inches across and of a terra cotta shade. Pkt. 10 cts.

WALDERSEE. Forms small, compact bushes 8 to 10 inches in height; flowers delicate rose, edged white, small and double. Pkt. 10 cts.

BARTONIA aurea. Handsome downy foliage; fragrant, large, golden yellow flowers, which open in the evening; 3 feet. Pkt 5 cts.

BRACHYCOME (Swan River Daisy). Flowers light and graceful, and borne profusely; colors blue or white, with dark center; 1 foot. Pkt. 5 cts.

Candytuft, Empress

SUPERB BALSAMS (Lady's Slippers)

Give brilliant masses of beautiful flowers for little care. Plants about 2 feet in height; transplanting dwarfs them and makes the flowers more double. Some are as double and perfect as camellias; they range through all dark, rich, brilliant and delicate colors.

Improved Camellia-flowered. Regular and perfect; large and full to center. Choice mixed. Pkt. 10c.

Florists' Best Double White. Pkt. 10 cts.

Double Miniature. Small, dainty, double flowers. Choice mixed. Pkt 10 cts.

Double Mixed. All kinds and colors. Pkt 5 cts., oz. 50 cts.

BROWALLIA grandiflora (Blue Amethyst). A neat, compact little plant, blooming freely from June until frost; also fine for winter blooming. Flowers deep ultramarine blue. Pkt. 10 cts.

CALENDULAS, or POT MARIGOLDS

Produce a bright and constant mass of color; grow anywhere; flower until frost.

Pure Gold. Semi-dwarf plant; handsome, double, pure golden yellow flowers. The best Marigold in cultivation; flowers large and brilliant. Pkt. 5 cts., oz. 25 cts.

Sulphurea. Flowers sulphur-yellow in color, of large size and very double. Pkt. 5 cts., oz. 25 cts.

Meteor. Large double flowers of yellow, striped with orange. Pkt. 5 cts., oz. 25 cts.

Fine Mixed. The best colors in variety. Pkt 5 cts., oz. 20 cts.

Camellia-flowered Balsams

CALLIOPSIS (Bright Eyes)

Gay and beautiful; graceful habit, easy culture, and flower profusely.

Hybrida superba. Flowers yellow, orange, brown, salmon, scarlet, carmine, blood-red, etc.; plants round and bushy; in bloom the entire season. Pkt. 10 cts.

Tinctoria. Flowers double, of a rich golden yellow color, with wine-maroon spots. Pkt. 5 cts.

Drummondii (Golden Wave). Pure, bright yellow flowers, with eye of brown. Pkt. 5c.

CALANDRINIA, Large-flowering. A creeping plant, with large, rose-colored flowers, which make it one blaze of color whenever the sun shines. Pkt. 5 cts.

CANNAS, Dwarf French. For rich effects in bedding, the Dwarf French Cannas have now few rivals in popular estimation. Finest mixed. Pkt. 10 cts., oz. 25c.

CANDYTUFT (Iberis)

An old and universal favorite, largely cultivated and continually in bloom; as valuable for cut-flowers as for edging and masses and always desirable.

Giant Hyacinth-flowered, or Empress. Very large spikes of pure white. The plant sends out from 4 to 9 branches, each terminating in a large spike of flowers; these flowers are beautifully formed, and of unusual size. Pkt. 5 cts., oz. 30 cts.

Dwarf Hybrids. Plants 6 inches high. They form massive candelabra-shaped spikes of various-colored flowers. Pkt. 5 cts., oz. 30 cts.

Queen of Italy. Thickly studded with fine pink flowers; quite dwarf, fine. Pkt. 10c.

Rose Cardinal, Light Purple, Dark Purple and **Carmine.** Each, pkt. 5 cts.

Finest Mixed. Pkt. 5 cts., oz. 25 cts.

Marguerite Carnation

CARNATIONS

Marguerite. Blooms in four months from seed. Plant vigorous, semi-dwarf, neat. If sown under glass in March or April, begin blooming in early summer and yield a brilliant display of flowers until frost. Flowers large, quite double, and perfectly formed, never bursting the calyx. They show all colors and variegations through beautiful shades of red, pink and white. Mixed, pkt. 5 cts; separate colors: White, Pink, Scarlet, Dark Red, Yellow and Striped, each, pkt. 10 cts.

Giant Marguerite. An improved and larger-flowering form of the above. Pkt. 10 cts.

CHRYSANTHEMUMS (Summer-blooming Painted Daisies)

Distinct from the autumn-flowering varieties, and grown in beds, where their bright colors show to advantage.

Chameleon. Large single flowers of crimson, yellow and bronze, changing after a few days to yellow. Pkt. 10 cts.

Carinatum fl. pl. Flowers very double and bronzy yellow or rose, pure white or crimson, and of graceful, semi-double form Pkt. 5 cts.

Double White. Double flowers of white. Pkt. 5 cts.

Double Yellow. Flowers large, pure yellow, very double. Pkt. 5 cts.

Segetum Helios. Flowers golden yellow, 3 to 4 inches across; fine for cutting. Pkt. 10 cts.

CENTAUREA

Favorite old-fashioned flowers. The quaintly pretty flowers have good stems and are brightly colored. For other varieties, see Foliage Plants.

Imperialis (Giant Sweet Sultan). Fine for cutting. Flowers large, sweet-scented and in bloom until frost. Mixed. Pkt. 10c.

Marguerite. Very large, pure white and sweet-scented flowers. Profuse bloomer. 1½ feet. Pkt. 10 cts.

Chameleon. A companion to the preceding, producing large, pale sulphur-yellow flowers; attractive. Pkt. 10 cts.

Suaveolens (Yellow Sweet Sultan). Bright yellow; flowers large and sweet-scented. Pkt. 5 cts.

Cyanus (Cornflower). White or blue; plants tall, free-blooming. Pkt. 5 cts., oz. 25 cts.

Emperor William. Dark blue. Pkt. 5 cts., oz. 30 cts.

CENTRANTHUS. Pretty, compact plants, about a foot high, with corymbs of red or white flowers, produced freely. **Mixed,** pkt. 5 cts.

Centaurea imperialis

CELOSIA (Cockscomb)

Odd and handsome. The comb-shaped heads often attain large size and are always gay colored. The dwarf varieties are much used for pot culture and in beds, presenting a striking appearance.

Spicata. Unique and handsome, producing at summit of branches spikes of bright rose flowers, changing to silvery white. 2½ feet. Pkt. 15 cts.

Thompsoni magnifica. Of pyramidal growth, producing graceful, feathery plumes, ranging in magnificent shades from clearest yellow to dirkest blood-red. Crimson, Golden Yellow and Mixed Early. 2 feet. Pkt 10 cts.

Glasglow Prize. Very large and showy dark crimson combs. Pkt. 10 cts.

Empress. One of the handsomest; the rich crimson heads are enormous, yet quite shapely; dwarf. Pkt. 10 cts.

Vesuvius. Flame-colored and crimson; very showy. Pkt. 10 cts.

Rosea. Bright rose, marked with a central stripe of golden yellow; very dwarf Pkt. 10 cts.

Dwarf Yellow. Splendid, brightly colored heads of large size and fine form; plants strong; 9 inches. Pkt. 10 cts.

Dwarf Mixed. Pkt. 5 cts.

CLARKIA. Blooms profusely all summer. Flowers double. Mixture of **White, Red, Rose, Purple, etc.** Pkt. 5 cts.

COLLINSIA. Brightly colored flowers, blooming in whorls. Plants continually in bloom; 1½ feet. **Mixed,** pkt. 5 cts.

Cockscomb, Empress

CONVOLVULUS MINOR (Dwarf Morning-Glory)

Handsome trailing plants of luxuriant growth. Very well adapted for beds, borders, vases or baskets.

Tricolor. Very pretty flowers. Mixed colors. Pkt. 5 cts., oz. 15 cts.

Mauritanicus. Fine bright blue flowers, with yellow throat. Pkt. 10 cts.

Bush Morning-Glory. Bushy little plants, blooming the entire summer. Mixed. Pkt. 10c.

Mammoth Perfection Cosmos

COSMOS

Fine for cutting; long, slender stems, airy, graceful flowers and feathery foliage. Plants tall and strong-growing, from 4 to 6feet high, and a perfect fountain of bloom from September until frost. Should be started early.

Mammoth Perfection. A grand strain, some of the flowers attaining 4 inches in diameter. **White, Pink, Scarlet.** Each, pkt. 10 cts. **Mixed,** pkt. 5 cts., oz. 60 cts.

Klondike. Blooms early and until frost. Flowers 2½ to 3 inches across, orange-yellow. Pkt 10c.

Dawn. Semi-dwarf. Flowers large, pure white tinged with rose; early and free-blooming. Pkt. 10 cts., oz. 60 cts.

New Early Blooming. Identical in growth, etc., with Dawn, but contains all colors of the ordinary Cosmos. **Mixed,** pkt. 10 cts.

COSMIDIUM. Useful for both beds and borders. Flowers large, velvety brown or orange. 2 feet. Pkt. 5 cts.

Celosia Thompsoni magnifica

DATURA Cornucopia. Large and trumpet-shaped, formed of two or three flowers growing one within the other. Interior white, exterior purple, and of exquisite perfume. Pkt. 10 cts.

Dianthus

Eschscholtzia

Helichrysum

SEEDLING DAHLIAS

Dahlias grown from seed bloom the first year. A large percentage of the double varieties come true, while the single ones are superb.

Gloriosa. Its double flowers are produced in numerous distinct forms; even the individual plants produce their flowers of various shapes, sizes and colors. The flowers are from 1½ to 3 inches in diameter. Pkt. 10 cts.

Twentieth Century. Fine fern-like foliage, upright branching habit, and an early and profuse bloomer. Pkt. 10 cts.

Dwarf Tom Thumb. Useful for bordering and pot culture; floriferous, bearing handsome flowers. Pkt. 10 cts.

Mixed Double. Extra fine mixed; will produce a very large proportion of double flowers. Pkt. 10 cts.

Mixed Single. Large single flowers. Pkt. 5 cts.

SUMMER-BLOOMING DIANTHUS

(Garden Pinks). See Back Cover

These, although biennials, flower the first year, but are hardy and flower much stronger the second year. The colors are wonderfully varied and rich. They are semi-dwarf in habit, and are especially adapted for small beds or edging; they bloom profusely and continue until frost.

JAPANESE PINKS (*D. Heddewigii*)—

Double Dark Crimson. Large, very dark red flowers. Pkt. 10 cts.
Mourning Bride. Large, deep crimson, fringed white. Pkt. 5 cts.
White. Flowers very large, pure white. Pkt. 5 cts.
White Diadem. Pure white, fringed red. Pkt. 5 cts.
Fireball. Brilliant scarlet; dwarf. Pkt. 10 cts.
Hybrid Mixed. Very large, fine flowers in many colors. Pkt. 10 cts., oz. $1.
Diadem. Splendid mixture, ranging through all colors. Pkt. 5 cts., oz. 75 cts.

Single Queen of Holland. Pure white, yellowish center; fine. Pkt. 10 cts.
Little Gem. White, with purple center; very pretty. Pkt. 10 cts.
Crimson Belle. Splendid brilliant dark red. Pkt. 5 cts.
Eastern Queen. Large, beautiful rose flowers. Pkt. 5 cts.
Finest Selected Mixed. In many colors. Extra. Pkt. 5 cts., oz. 75 cts.

DEEPLY FRINGED PINKS (*D. Heddewigii laciniatus*)—

Double Salmoneus. Splendid salmon-rose. Pkt. 10 cts.
Cupreo coccineus. Splendid large, copper-red flowers. Pkt. 10 cts.
Striped. White, striped and splashed red; charming. Pkt. 10 cts.
Finest Mixed. Choicest colors. Pkt. 5 cts., oz. 75 cts.

Single Salmon Queen. Bright salmon, changing to rose. Pkt. 5 cts.
Oriental Beauty. Flowers large, colorings and markings very rich. Pkt. 10c.
Fairy Queen. Pure white, salmon center; dwarf. Pkt. 5 cts.
Snowflake. Large pure white flowers. Pkt. 5 cts.
Coronatus. Deep red, with black zone; fine. Pkt. 5 cts.
Finest Mixed. In many fine varieties. Pkt. 5 cts., oz. 75 cts.

IMPERIAL PINKS (*D. imperialis*)—

Double Crimson. Very rich dark color. Pkt. 5 cts.
White. Pure white, very double. Pkt. 5 cts.
Finest Mixed. Superb mixture of all colors. Pkt. 5 cts., oz. 50 cts.

CHINESE PINKS (*D. Chinensis*)—

Double White. Pkt. 5 cts., oz. 40 cts.
Mixed. Best colors. Pkt. 5 cts., oz. 30 cts.

DIDISCUS coeruleus. This pretty plant produces its beautiful lavender-blue flowers all summer. Pkt. 10 cts.

ESCHSCHOLTZIA (California Poppy)

Flowers in rich hues of orange, yellow, scarlet, creamy white, crimson and carmine.

Douglasii. Yellow, with golden center; early flowering. Pkt. 5 cts., oz. 25 cts.
Finest Mixed. Pkt. 5 cts., oz. 25 cts.
Golden West. Flowers 3½ to 6 inches in diameter. Light canary, with orange blotches at the base of petals. Pkt. 5 cts., oz. 25 cts.

EVERLASTINGS

The strawy texture of the flowers retains their shape and brilliant color indefinitely. Cut them before they have opened fully, and dry slowly in the shade.

ACROCLINIUM roseum. Graceful, double rose-colored flowers; 1 foot. Pkt. 5 cts.
Album. Double flowers, white. Pkt. 5 cts.

AMMOBIUM grandiflorum. Clusters of pure white flowers; 2 feet. Pkt. 5 cts.

GOMPHRENA globosa (Bachelor's Button). Round flower heads of red or white. Mixed. Pkt. 5 cts.

HELICHRYSUM nanum (Eternal Flower). Beautifully formed double flowers; plants dwarf and branching. Fine mixed. Pkt. 5c.
Monstrosum. Large and very double flowers. Pkt. 5 cts.

RHODANTHE, Fine Mixed. The most delicately beautiful of all Everlastings; 1 foot. Pkt. 5 cts.

XERANTHEMUM. Bright, double, globe-shaped flowers. Mixed. Pkt. 5 cts.

Special offer of Everlastings—1 packet each, of 8 varieties, 30 cents

EUPHORBIA

Heterophylla (Painted Leaf). Glossy leaves, changing to scarlet. Pkt. 5 cts.

Variegata (Snow-on-the-Mountain). Of robust growth, with fine green leaves, striped with white. Pkt. 5 cts.

FEVERFEW

Double White (Matricaria). For cutting and pot culture as well as for beds and borders. Thrives in all soils; blooms until frost. 18 inches. Pkt. 5 cts.

Golden Ball. Compact-growing variety with golden yellow flowers. Pkt. 10 cts.

FOUR O'CLOCK. Sweet-scented flowers of many different colors. They open in the afternoon, and wither in the morning. Mixed. Pkt. 5c., oz. 15c.

GAILLARDIA

Lorenziana (Blanket Flower). Showy bedding plants, covered with double flowers from midsummer until frost; many bright colors. Pkt. 5 cts.

Amblyodon. Large single salmon-red flowers, deep crimson in center. Pkt. 5 cts.

Lobelia compacta

GRASSES, ORNAMENTAL

See also Perennials

Beds composed entirely of Grasses, with tall varieties planted in the center and the shorter ones used for edging, are especially beautiful.

AGROSTIS nebulosa. Feathery and elegant. 1½ feet. Pkt. 5c.

AVENA sterilis (Animated Oats). Drooping heads. 4½ ft. Pkt. 5c.

BRIZA maxima. The large form of Quaking Grass. 1½ ft. Pkt. 5c.

Minima gracilis. Small Quaking Grass. Fine for bouquets. 1 foot. Pkt. 5 cts.

BROMUS brizaeformis. Useful in many decorative ways when dried. 2 feet. Pkt. 5 cts.

COIX lachryma (Job's Tears). Broad blades, drooping seeds. Pkt. 5 cts., oz. 15 cts.

ERAGROSTIS elegans ("Love Grass"). Pkt. 5 cts.

LAGURUS ovatus (Hare's Tail Grass). Small white spikes. 2 feet. Pkt. 5 cts.

PENNISETUM Ruppelianum. Handsome purple spikes. 2½ ft. Pkt. 5c.

TRICHOLAEANA atropurpurea. Purple spikes; fine. Pkt. 5 cts.

One packet each of above 10 varieties for 35 cents

GODETIA

Bright and attractive compact-growing plants, always gay with a crop of their pretty flowers.

Gloriosa. Flowers large and brilliant red in color. Pkt. 5c.

Duke of Albany. Satiny white. Pkt. 5 cts

Brilliant. Bright crimson. Pkt. 5 cts.

Grandiflora compacta. Large-flowering white. Pkt. 5 cts.

Mixed. All colors. Pkt. 5 cts, oz. 30 cts.

HOLLYHOCK, Everblooming. Blooms first season if sown early; flowers double, semi-double and single, and in a great diversity of colors. Pkt. 15 cts.

Larkspur

HIBISCUS

Africanus. Large, cream-colored flowers, with brown center. Pkt. 5 cts.

Giant Yellow. Flowers 7 to 8 inches in diameter; canary yellow, with garnet throat. Pkt. 10 cts.

HUNNEMANNIA fumariaefolia (Giant Yellow Tulip Poppy). Large, buttercup yellow, poppy-like flowers. 2 ft. Pkt. 5c.

ICE PLANT. Glistening waxen leaves and stems covered with a shining granular coat; plant trailing; for baskets, vases, borders. Mixed. Pkt. 5 cts.

IPOMOPSIS (Standing Cypress). Long spikes of red or bright scarlet flowers, and fine foliage. Mixed. Pkt. 5 cts.

KAULFUSSIA. Six inches to 1 foot high. Flowers blue, violet-white, crimson or rose; graceful and pretty. Mixed. Pkt. 5c.

KOCHIA scoparia (Summer Cypress). Beautiful pyramidal form. Leaves finely cut, light green and turn crimson in the fall. Fine for borders. 2 feet. Pkt. 10 cts.

LARKSPUR

Rocket Larkspurs are very showy; flower-spikes of bright colors.

Giant Hyacinth-flowered. Flowers very large and double, immense spikes. Mixed. Pkt. 10 cts.

Dwarf Double Rocket. Tall Double Rocket. Mixed colors of each. Pkt. 5 cts., oz. 25 cts.

Emperor. Plants of symmetrical habit; double flowers. Mixed. Pkt. 5 cts.

Branching. Bears long spikes of flowers on long stems; fine for cutting. Pkt. 10 cts.

LAVATERA. Free-blooming plant, with showy red flowers. 2 feet. Pkt. 5 cts.

LEPTOSIPHON. Beautiful in flower and foliage; effective grown in masses. 6 inches. Mixed. Pkt. 5 cts.

LINUM. Of great beauty. Blossoms scarlet and rose; stems and foliage fine. Pkt. 5 cts.

LOBELIA

Erinus speciosa superba. Dark blue, with large white eye; trailing. Pkt. 5 cts.

Speciosa, Crystal Palace. Dark blue, fine; trailing. Pkt. 5c.

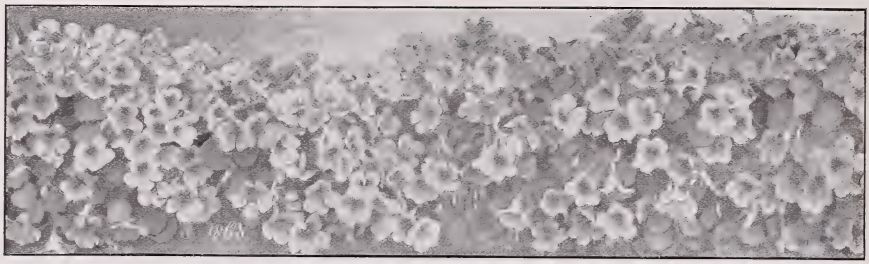
White Lady. Trailing, large-flowered white. Pkt. 10 cts.

Crystal Palace compacta. Dark blue flowers; fine for edging and carpet bedding. Pkt. 10 cts.

Speciosa superba compacta. Dark blue, with large white eye; fine. Pkt. 10 cts.

Compacta alba. White. Pkt. 10 cts.

LUPINUS (Sun-Dial). Effective in mixed borders. The seed should be sown where plants are to stand. 2 feet. Mixed. Pkt. 5c.



Dwarf Nasturtiums

Mignonette Machet

MARIGOLD

Showy plants for midsummer and autumn bloom; 1 to 2 feet tall, free-flowering and easy to grow.

Pride of the Garden. Dwarf, compact and very bushy. Flowers of immense size, very double, various shades of yellow. Mixed. Pkt. 10 cts.

Dwarf Double French. Plants low and compact. Mixed. Pkt. 5 cts.

Tall Double French. Mixed; flowers of various colors. Pkt. 5 cts.

Eldorado. Flowers from 10 to 14 inches around, very double, of bright golden orange and primrose shades. Pkt. 5c.

African. Of dense growth, with immense double flowers of a peculiar shade of golden yellow. Pkt. 5 cts.

Signata pumila. Dwarf plants; forms a true "gilt edge" for beds. Pkt. 5c.

MATHIOLA bicornis. Delightfully fragrant lilac flowers. A capital edging plant for dry and sunny exposures. Pkt. 5 cts.

MIGNONETTE

The matchless perfume of this flower renders it most popular.

Bismarck. Large-flowering and vigorous. Stout stalks, dark green crimpled foliage; flowers double the size of Machet. Pkt. 10 cts.

King of the Dwarfs. Plants of neat bush form, 5 to 6 inches high; spikes and flowers very large; color bright crimson; fine for pot culture. Pkt. 10 cts.

Defiance. Spikes large and fragrant; flowers of immense size, forming a graceful as well as a compact spike. Pkt. 10 cts.

Machet. The best variety for pots; is dwarf and free-blooming; flower-spikes bright reddish maroon. Pkt. 10 cts.

Large-flowering. The old Mignonette, still as sweet as any. Pkt. 5c., oz. 20c.

MIMULUS (Monkey Flower)

Moschatus. The well-known Musk Plant. Pkt. 10 cts.

Tigrinus grandiflorus. Large-flowering new tigered and spotted varieties, in many colors. Pkt. 10 cts.

NEMOPHILA. Of compact habit, oddly and beautifully colored flowers of blue, purple and white, in unusual markings and blendings. Mixed. Pkt. 5 cts.

NICOTIANA

Affinis. Broad tropical foliage and clusters of large, tubular, fragrant flowers; 3 feet. Pkt. 5c.

Sanderae. Produces a continuous profusion of large, brilliant carmine-red flowers, on bushy, many-branching plants; sweet-scented; 2 feet. Pkt. 25 cts.

Nicotiana Sanderae

DWARF NASTURTIUM

Tom Thumb Varieties, for Bedding

None of the old-fashioned plants deserve their renewal of popularity better than the Nasturtiums, so brilliant and varied in coloring, free in bloom, and picturesque in appearance Hardy habit of growth, even in hottest suns and poor soils; prime favorite for cut-flower work and personal adornment. The Dwarf Nasturtiums form thick masses of leaves and flowers not more than a foot in height.

All the following varieties, pkt. 5 cts., oz. 15 cts., except where noted

Vesuvius. Salmon-red; very fine.
Chameleon. Splashed crimson, bronze and yellow.
King of Tom Thumbs. Crimson.
Pearl. Creamy white.
Purpureum. Dark crimson.
Roseum. Soft rose color.
Golden King. Large flowers of deep golden yellow.
Queen of Tom Thumbs. Globular, compact, bushy plants; foliage beautifully variegated white and green; flowers rich crimson. Pkt. 10 cts.
Beauty. Very bright; flowers yellow and scarlet.
Empress of India. A splendid dark-leaved sort; brilliant crimson flowers.
Spotted. Deep orange, crimson blotches.

DWARF NASTURTIUMS, continued

King Theodore. Dark maroon; petals look as if cut from velvet
Cloth of Gold. Golden yellow foliage; light scarlet flowers.
Lady Bird. Orange-yellow, red spots.
Aurora. Primrose to pale pink; lower petals tinged carmine
Bronze. Burnished coppery bronze
Prince Henry. Leaves spotted; bright crimson-scarlet flowers.
Crystal Palace Gem. Sulphur, spotted maroon.
Ruby King. Bright ruby-red.
Scheuermanni. Cochineal.
Superb Mixture. Oz. 15 cts., 2 ozs. 25c., 4 ozs. 40c., lb. $1.50.
Fine Mixed. Oz 10 cts , 4 ozs. 30 cts., lb. 90 cts.
Collection of 6 named sorts, 25 cts., 12 sorts 45 cts.

NIGELLA (Love-in-a-Mist). A delicate, pretty plant; light blue or white flowers, set in a mist of feathery green foliage. Mixed. Pkt. 5 cts.

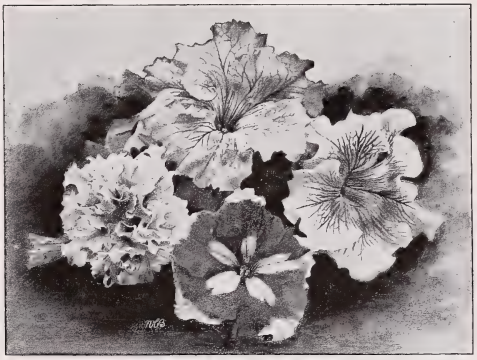
NIEREMBERGIA. For baskets or edgings. Flowers white, tinted lilac. Pkt. 5 cts.

NOLANA. Beautiful trailing border plants, with flowers in all shades of blue, yellow and white. Mixed. Pkt. 5 cts.

NYCTERINIA. A dainty little edging plant, brightened by a profusion of small, star-shaped, white or lilac flowers. Pkt. 5c.

ŒNOTHERA (Evening Primrose). Flowers large, fragrant and showy. Mixed. Pkt. 5 cts.

PENTSTEMON gloxinioides. Producing large spikes of gloxinia-like flowers, often 2 inches in diameter, and of brilliant and varied colors. Pkt. 15 cts.



Petunia, Large Flowering

Petunia grandiflora superbissima quadricolor

PETUNIAS

No annual of the garden is more lavish with its flowers, or more readily adaptable to any and every purpose than the Petunia. So popular has it become that enthusiasts have given years of patient care to its improvement, and we now have superb show varieties, fringed, ruffled and doubled, mottled, striped and self-colored.

Large-flowering Double Fringed. Superb mixture, unsurpassed in quality, finely fringed and in all the best colors. Pkt. 50 cts.

Large-flowering Single Fringed. Choicest mixture from superb strains. Pkt. 25 cts.

Giants of California. Large, beautiful, fluffy blossoms handsomely crimped, fringed and ruffled, and come in white, rose, velvety crimson-black, etc. Pkt. 25c.

Grandiflora superbissima quadricolor. Bright rose veined with lustrous carmine, merging into deep red at throat; has five graceful spatulate markings of a decided yellow, radiating from the center in the form of a 5-pointed star. Pkt. 25 cts.

Rosy Morn. Plants dwarf and bushy, flowers brilliant rose with white throat and center, and produced in great profusion. Pkt. 25 cts.

Baby Blue. Plant dwarf and compact, blooms when only a few inches in height; flowers one inch across, of a reddish purple color; when seen in the sunlight they appear a lovely blue; very floriferous. Pkt. 15 cts.

Howard's Star. The Star is light blush-pink, which deepens in color as it reaches the margin, and finally blends with the maroon ground color. Pkt. 25 cts.

Inimitable Dwarf. Striped flowers, dwarf bushy plants; very effective. Pkt 10 cts.

Inimitable. Striped and blotched. Pkt 10c.

Adonis. Fiery carmine, with white throat. Pkt. 10 cts.

Snowball. Dwarf, bushy plants; small white flowers. Pkt. 10 cts.

General Dodds. Dark red. Pkt. 10 cts.

Brilliant Rose. Similar to above in habit. Pkt. 10 cts.

Single Mixed. Pkt. 5 cts., oz. 75 cts.

PHLOX DRUMMONDII, LARGE-FLOWERING

Flowers as large as in the Perennial Class

Splendens. Brilliant red. Pkt. 10 cts.
Chamois Rose. With white eye. Pkt. 10c.
Rosea alba oculata. Brilliant rose, white eye. Pkt. 10 cts.
Atrorosea. Deep rose. Pkt. 10 cts.
Striata. Striped varieties. Pkt. 10 cts.
Kermesina alba oculata. Crimson, with white eye. Pkt. 10 cts.
Isabellina. Flowers yellow; distinct. Pkt. 10 cts.
Alba. Flowers pure white. Pkt. 10 cts.
Coccinea. Vivid scarlet flowers. Pkt. 10c.
Alba oculata. White, with claret eye. Pkt. 10 cts.
Large-flowering Mixed. Pkt. 5c., oz. 75c.

NEW DWARF PHLOXES (Nana compacta)

Fireball. Scarlet. Pkt 10c.
Snowball. White. Pkt. 10c.
Chamois-rose. Pkt. 10c.
Choicest Mixed. Pkt. 10c.

These charming and unique dwarf Phloxes are of neat, compact habit, growing only about 8 inches high.

OTHER SORTS AND COLORS

Fimbriata. Large clusters of flowers with fringed petals. Mixed. Pkt. 10 cts.

Cuspidata. The New Star Phloxes. Pretty star-shaped flowers. Mixed. Pkt. 10 cts.

Phlox Drummondii, Large Flowering

Pansies

GOOD MIXED GERMAN PANSIES. Pkt. 5c., oz. $1.25.

TUFTED PANSIES. Finest mixture of these long and free-flowering varieties. Pkt. 25c.

PANSIES

We wish to call special attention to our large assortment of Pansy seed, which includes all famous and distinct large-flowering strains, and in separate colors, all the most desirable shades and blendings. The collection is quite complete, and contains only the finest and purest strains.

FINEST SHOW PANSIES

BECKERT'S SUPERB MIXTURE, including all Show and Giant varieties, Pkt. 25 cts., oz. $6.

Bugnot's Large Blotched. Large superb flowers with broad blotches, the two petals finely lined in great diversity of rarest colors. Pkt. 25 cts.

Cassier's Superb Strain. Large round flowers, the petals overlapping and often frilled; colors rich and varied. Pkt. 25 cts.

Cassier's 5-blotched. Flowers of immense size, and five-spotted on background of very rich colors. Pkt. 25 cts.

Cassier's Golden 5-spotted. Very fine and distinct. Pkt. 25 cts.

Bridesmaid. Flowers very large and of fine form. Ground color rosy white, strikingly setting off the dark blotches of the center. Pkt. 25 cts.

Cassier's White 5-spotted. New; fine. Pkt. 25 cts.

Odier, or Blotched. Very fine strain of three- and five-blotched show Pansy. Pkt. 15 cts.

Orchid-flowered. The upper petals stand upright and are laid out in small folds; colors of the finest shades. Pkt. 15 cts.

Diana. Pure cream color, an entirely new shade. Pkt. 10 cts.

Madam Perret. All shades of red, from a pink to a fine deep purple, with an intermediate bright red edged with white. Flowers immense in size. Pkt. 15 cts.

Masterpiece. Every petal is conspicuously undulated and curled. There are also found in this Pansy some lovely tints of color not met with in other Pansies. Pkt. 15 cts.

Ruby. Embraces the richest shades of red colors, from scarlet, scarlet-orange, wine-red to rose. Flowers large and fine. Pkt. 15 cts.

GIANT TRIMARDEAU VARIETIES

Beautiful class of vigorous and compact growth. Flowers of largest size.

Fiery Faces. Rich scarlet, golden margined, yellow center.
Parisian. Large stained, mostly white ground.
President Carnot. White, blotched with shades of violet-blue.
Violet-Blue. Fine bedder.
Royal Purple. Fine dark purple.
Adonis. Light blue.
Black. Very dark.
Striped. Striped, mottled and flaked.
Emperor William. Ultra-marine blue.
Freya. Silver-edged.
Snowflake. Satiny white.
Auricula-flowered.
Yellow-marbled.
Peacock. Garnet and blue.
White. With violet eye.
Golden Yellow. Dark eye.
Yellow Gem. Pure yellow.
Fire King. Rich scarlet, gold edge.
Beaconsfield. Lavender and purple.
Hortensis. Shades of rose.
Black-Blue.
Azure-Blue.
Bismarck. Gold bronze.
White-marbled.

Each of the preceding Giant varieties, or a mixture of all of them, 10 cts. per pkt.

POPPIES

The annual Poppies are quite as brilliant and effective for all purposes as the perennial sorts. They grow freely in any good soil.

Poppies

SINGLE

Tulip. Scarlet flowers; late. Pkt. 5 cts., oz. 75 cts.
Shirley. Semi-double and single, daintily colored. Mixed. Pkt. 5 cts., oz. 40 cts.
Danebrog. Brilliant scarlet, with a large white spot at the base of each petal. Pkt. 5 cts., oz. 25 cts.
Single Scarlet. Brilliant scarlet. Pkt 5 cts., oz. 25c.
Single Mixed. Best sorts and colors. Pkt. 5 cts., oz. 25c.

DOUBLE

Peony-flowered. Mixed. Pkt. 5 cts., oz. 25 cts.

DOUBLE POPPIES, continued

Mikado. Each blossom is a large, soft ball, pure white at base, scarlet toward the tips. Pkt. 5 cts., oz. 25 cts.
Double White. Double, pure white flowers. Pkt. 5 cts., oz. 25c.
Double Chamois-Rose. Globular flowers. Pkt. 5 cts., oz. 25 cts.
Double Cardinal. Bright scarlet flowers. Pkt. 5 cts., oz. 25 cts.
Double Mixed. Pkt. 5 cts., oz. 25 cts.
Double White Fringed. Fringed petals. Pkt. 5 cts., oz. 25 cts.

PORTULACA

Sturdy little trailing plants, that bloom brightest during the warmest, driest weather. Beds of them form brilliant rainbows of color on sunshiny mornings.

Single Mixed. In many rich colors. Pkt. 5 cts., oz. 30 cts.
Double Large-flowering Mixed. A large percentage of the flowers will be as double as little roses. Pkt. 10 cts.

RICINUS (Castor-Oil Bean)

Philippinensis. Very large and beautiful foliage. Pkt. 5c., oz. 20c.
Sanguineus. Stalks and fruit-clusters blood-red. Pkt. 5c., oz. 20c.
Borboniensis arboreus. Grows 15 feet. Leaves enormous. Pkt. 5 cts, oz. 15 cts.
Cambodgensis. Red-black stems, very dark leaves; distinct. Pkt. 5 cts., oz. 20 cts.
Gibsoni. Dark purple leaves and stems. Pkt. 5 cts., oz. 15 cts.
Zanzibarensis. The plants present a splendid aspect with their gigantic leaves. Mixed. Pkt. 5 cts., oz. 20 cts.

SUNFLOWERS (Helianthus)

Globosus. Flowers large, very double; rich saffron color. Pkt. 5 cts , oz. 15 cts.
Dwarf Double. Very floriferous. Pkt. 5 cts , oz. 20 cts.
Thousand-flowered. Branches covered with double golden yellow flowers. 8 feet. Pkt. 10 cts., oz. 40 cts.
Sulphur Gem. Single sulphur-yellow flowers with black center; habit branching. Pkt. 5 cts., oz. 15 cts.
Cucumerifolius nanus compacta. Very bushy and compact; about 12 inches high, 18 inches in diameter; free-flowering. Pkt. 10c.
Cucumerifolius stella. Elegant bright yellow single flowers with black center; very floriferous; fine for cutting. Pkt. 10 cts , oz. 40 cts.
Cucumerifolius miniature. Similar to the preceding, but flowers of diminutive size. Pkt. 10 cts., oz. 60 cts.
Cucumerifolius fl. pl. A form of the preceding, producing double and semi-double flowers. Pkt. 10 cts.

SALPIGLOSSIS

Large-flowering. Blossoms are velvety, with deep veins and markings, lily-shaped and quaintly lovely. Mixed. Pkt. 5 cts.
Tom Thumb. A dwarf, bushy form; well branched, blooming continually during the summer. 1 foot. Mixed. Pkt. 10 cts.

SANVITALIA procumbens. A dwarf-growing plant, continually bright with single golden yellow flowers. Pkt. 5 cts.

SAPONARIA (Bouncing Bet). Producing masses of fragrant red cruciform flowers. Pkt. 5 cts.

SCABIOSA, Large-flowering (Mourning Bride). Curious and pretty; an old-fashioned flower, still deservedly popular, and one of the most satisfactory to grow. Mixed. Pkt. 5 cts.

SCHIZANTHUS, Large-flowering Dwarf. Plant compact and pyramidal, bearing in profusion beautiful large flowers; very showy. Mixed. Pkt. 10 cts.

SOLANUM nanum (Jerusalem Cherry). Compact-growing plant, with small dark green leaves and producing an abundance of bright scarlet berries. Pkt. 5 cts.

STOCKS

Fragrant and free-blooming, and easy to grow, either in beds or pots. Almost all the varieties have long, handsome spikes of flowers, which last from early summer until frost.

Mammoth-flowering Zinnias

LARGE-FLOWERING GERMAN TEN-WEEKS. This plant flowers 10 or 12 weeks after the seed is sown. We offer a magnificent strain of this in separate colors: **Peach Blossom, Yellow, Pure White, Carmine, Crimson, Light Blue, Pink, Scarlet, Dark Blue.** Each, pkt. 10 cts. **Mixed,** pkt. 5 cts.

Cut-and-Come-Again. An unusually free-flowering variety. From spring until late in the fall the plants are covered with flowers. They thrive equally well in pots or beds. **White, Pink, Yellow, Light Blue, Dark Blue, Crimson.** Each or mixed, pkt. 10 cts.

STOCKS, continued

Snowflake. Very early-flowering, and indispensable for forcing. Pkt. 15 cts.
Dwarf Queen. A miniature form, similar to Snowflake, but with fiery scarlet flowers; fine. Pkt. 15 cts.

Mammoth Verbenas

VERBENAS

These are among our brightest and best bedders.

MAMMOTH. The florets average an inch in diameter, and have clearly defined margins and large white centers.

Mammoth White.	**Mammoth Blue.**
Mammoth Scarlet.	**Mammoth Striped.**
Mammoth Pink.	**Mammoth Auricula-flowered.**

Each or mixed, pkt. 10 cts., oz. $1.50.

Commandant Marchand. Distinct large-flowering variety; color very rich, deep velvety maroon. Pkt. 15 cts.
Defiance. Bright scarlet flowers. Effective in bedding. Pkt. 10c.
Choice Mixed. Pkt. 5 cts., oz $1.25.
New Dwarf Varieties (Nana compacta), Very dwarf, spreading habit. Mixed. Pkt. 10 cts.
Erinoides (Moss Verbena). Of low-spreading habit, producing in profusion purplish blue blossoms, from June until frost. Pkt. 10c.
Emperor. Produces immense round umbels, the single flowers being marked with a large white eye; very striking. Pkt. 15c.

VISCARIA. Flowers all tints and shades of red. Pkt. 5c.

WHITLAVIA. Beautiful bell-shaped flowers of white or blue borne in clusters; for baskets, borders, etc. Mixed. Pkt. 5c.

ZINNIA ELEGANS (Youth-and-Old-Age)

All of them, but especially the dwarf sorts, give gay effects in bedding. The taller sorts are very useful for mixed borders or massing in large clumps.

Giant. Mammoth-flowered double variety, many brilliant colors. 3 feet. Pkt. 5 cts., oz. 60 cts.
Striped, or Zebra. Flowers double, distinctly striped. Only a portion of them come true. Blooms all summer. Pkt. 5 cts.
Liliput-flowered. Tiny flowers of double, perfect form. Pkt. 5c.
Elegans, Double Mixed. A most pleasing variety. Pkt. 5c., oz. 50c.
Elegans, Crested and Curled. Pkt. 5 cts.
Elegans, Double White. Pkt. 5 cts.
Elegans, Double Golden Yellow. Pkt. cts.
Elegans, Double Pink. Pkt. 5 cts.
Elegans, Double Scarlet. Pkt. 5 cts.
Elegans, Double Carmine. Pkt. 5 cts.

Seeds of Ornamental Climbers

SEE ALSO GREENHOUSE PLANTS

ADLUMIA cirrhosa (Mountain Fringe). Rapid-growing biennial climber; flowers pink, produced freely. Pkt. 5 cts.

ANTIGONON leptopus (Mountain Beauty). Produces in great profusion large clusters of brilliant carmine flowers. Pkt. 10c.

AMPELOPSIS Veitchii (Japan, or Boston Ivy). A beautiful vine for covering walls and buildings. Pkt. 5 cts., oz. 20 cts.

CALAMPELIS (Bugle Vine). Annual climber, with orange-colored tubular flowers and delicate green foliage; 10 feet. Pkt. 5c.

COBAEA

Scandens. Rapid and luxuriant in growth. The deep violet-blue flowers are large and bell-shaped Pkt. 5 cts.
Alba. Pure white flower; variety of the preceding. Pkt. 10 cts.

DOLICHOS lablab (Hyacinth Bean). Large clusters of showy white or purple flowers. It grows rapidly. Pkt. 5c., oz. 15c.

HUMULUS

Japonicus. Seed sown in early spring produces plants which will cover a wide spread in a short time. Pkt. 5 cts.
Japonicus variegatus. Leaves broadly edged with cream color, and marked and shaded with silvery white and deep green. Pkt. 5 cts.

IPOMOEA

In this large class of tender annuals are included many handsome climbers—of Evening- as well as Morning-Glories and other favorites.

Setosa (Brazilian Morning-Glory). Beautiful rose-colored flowers and huge leaves; luxuriant in growth. Pkt. 10 cts.
Quamoclit (Cypress Vine). Delicately cut foliage and small, star-shaped flowers of scarlet or white Mixed. Pkt. 5 cts., oz. 20 cts.
Grandiflora (Moonflower). The large, pure white flowers of this plant open at night; quite fragrant. Pkt. 10 cts.
Heavenly Blue. Foliage large, heart-shaped; flowers 4 to 5 inches across, light blue, with yellow throat. Pkt. 10 cts.
Bona Nox (Good Night, or Evening Glory). Large, violet flowers. Pkt. 5 cts.
Northern Light. Blooms 2 inches in diameter, pinkish lavender; opens earlier than any other evening-blooming Ipomœa; foliage large and handsome. Pkt. 5 cts.

Imperial Japanese Morning-Glories

The flowers measure from 4 to 6 inches across, and their greater substance causes them to remain open much longer than ordinary Morning-Glories. The colors of the flowers, shadings and markings are limitless. Sow early in May, in a warm, sunny position, in good, rich soil, and give plenty of water in dry weather. Superb mixed colors. Pkt. 10 cts., oz. 50 cts.

MORNING-GLORIES (*Convolvulus major*). Well-known and favorite annuals. Splendid mixture. Pkt. 5 cts., oz. 15 cts.

LATHYRUS

Latifolius (Everlasting Pea). A hardy perennial growing 6 to 8 feet high Mixed. Pkt. 10 cts, oz. 30 cts.

Japanese Morning-Glories

Pink Beauty. Bright rosy pink. Pkt. 10 cts.

LINARIA Cymbalaria (Kenilworth Ivy). Dainty little vine for climbing or creeping, rockwork or baskets. Flowers lavender-purple; leaves ivy-like and glossy. Pkt. 10 cts.

LOPHOSPERMUM scandens. Ornamental climber with rosy purple, foxglove-like flowers; 10 feet. Pkt. 10 cts.

MAURANDIA, Giant-flowering. Admirable to hang from vases or to cover stumps and low trellises; blooms very freely. Pkt. 10 cts.

MINA lobata. Vivid scarlet in bud, changing in the open flower to creamy white; foliage dense and luxuriant. Pkt. 10c.

NASTURTIUMS, TALL

Chameleon. Bears flowers of various colors on the same plant.
Spotted. Orange-yellow, spotted crimson.
Dark Crimson.
Atropurpureum. Rich brown-red.
Prince Henry. Lemon-yellow, with carmine blotches.
Schillingi. Deep orange-yellow, crimson and brown at base of petals.
Foliis aureis. Scarlet flowers, golden leaves.
Heinemanni. Chocolate-colored.
Hemisphaericum. Straw color, rosy blotched.
King Theodore. Crimson; dark leaved
Vesuvius. Salmon-rose; dark-leaved.
Scheuermanni coccineum. Scarlet, striped.
Pearl. Creamy white.
Coccineum. Bright scarlet.
Sunlight. Bright orange.

All the above-named sorts. Pkt. 5 cts., oz. 15 cts.

Superb Mixed. Pkt. 5c., oz. 15s., 2 ozs. 25c, 4 ozs. 40c., lb. $1.50.
Fine Mixed. Pkt. 5 cts., oz. 10 cts, 4 ozs. 30 cts., lb. 90 cts.

Nasturtiums

TROPAEOLUM

Lobbianum. Very superior for trellises, arbors or vases. Flowers brilliant and rich, borne in great profusion. Superb mixed. Pkt. 5 cts., oz. 15 cts.

Peregrinum (Canary Creeper). Graceful winged flowers of pure light yellow. Pkt. 5 cts., oz. 25 cts.

BRIGHT-FRUITED VINES and GOURDS

Curious fruited vines, desirable because of ornamental foliage, or the odd and striking shapes and vivid colors of their fruits.

ABOBRA viridiflora. Small, oval, bright scarlet fruits. Pkt. 5c.
BALSAM APPLE. Fruit orange and red. Pkt. 10 cts.
BALSAM PEAR. Coppery scarlet fruits; 10 feet. Pkt. 10 cts.
BRYONOPSIS. Small, scarlet fruits; 10 feet. Pkt. 5 cts.
BALLOON VINE. Balloon-shaped seeds. Pkt. 5 cts.
COCCINEA Indica. Flowers white; fruit scarlet; 8 feet. Pkt. 5c.
GOURDS—Anguinus, Angora, Apple, Bottle, Bishop's Hat, Bell-Pear, Crookneck, Dishrag, Gooseberry, Hercules' Club, Hedgehog, Lemon, Nest Egg, Onion, Orange, Pear, Powder-Horn, Pomegranate, Perennial, Serpent, Siphon, Sugar Trough, Turban Striped, Turban Red, Umbrella. All 5 cts. per pkt.; mixture, 5 cts. per pkt., 15 cts. per oz.
KUDZU VINE. Of very rapid growth, with large foliage and producing fragrant purple wistaria-like flowers. Pkt. 10 cts.
WILD CUCUMBER. Grows very rapidly. Pkt. 5 cts.

Sweet Peas Grown from Our Seed

Newest and Best Sweet Peas

We offer a very fine assortment of these beautiful, fragrant and very popular flowers. We have these grown for us under the most favorable conditions as to soil and climate, and the quality of our stock is unexcelled Sweet Peas should be sown very late in the fall, or as early in spring as possible. The soil should be rich, the drills 6 inches deep. Cover first about an inch, and as the plants grow fill in until the drill is full.

All the following varieties, 5 cts. per pkt., 10 cts. per oz., 15 cts. for 2 ozs., 25c. per ¼lb.

America. White, striped red.
Admiration. Delicate rosy lavender.
Aurora. Flaked orange-salmon, largest striped.
Blanche Ferry. Rose-pink, wings white.
Black Knight. Deep maroon, self-colored.
Blanche Burpee. Large, pure white.
Captivation. Light magenta.
Coccinea. Cerise, self-colored.
Countess of Cadogan. Bluish purple; wings clear blue.
Countess of Radnor. Pale mauve or lavender.
Coquette. Deep primrose, shaded lavender.
Dainty. White, with pink eye.
Dorothy Tennant. Deep rose-mauve; very fine.
Duke of Clarence. Brilliant rosy claret.
Earliest of All. Same as Extra-Early Blanche Ferry, but earlier.
Emily Henderson. White; blooms early.
Extra-Early Blanche Ferry. Early; rose-pink.
Golden Rose. Yellow, striped pink.
Gorgeous. Salmon-orange.
Gray Friar. Beautiful watered purple on white ground.
Hon. F. Bouverie. Standard flesh-pink; wings rosy buff.
Hon. Mrs. E. Kenyon. Primrose.
Janet Scott. Deep pink.
Jennie Gordon. Rose, shaded cream.
Lady Grisel Hamilton. Pale lavender-blue.
Lady Skelmersdale. Pink standard, wings white.
Lord Rosebery. Self-colored rosy magenta.
Lottie Eckford. White, suffused with lavender-blue.
Miss Wilmot. Deep orange-pink, large.
Mrs. Dugdale. Rich shade of rose.
Mt. Blanc. Early white.
Majestic. Rich deep rose.
Navy Blue. Purple standard, navy-blue wings.
Othello. Deep maroon.
Pink Friar. Carmine, suffused with white.
Prima Donna. Lovely shade of soft pink.
Prince Edward of York. Scarlet, wings rose.
Prince of Wales. Bright rose-pink.
Royal Rose. Deep rosy pink.
Sadie Burpee. White.
Salopian. One of the best scarlets.
Superb Mixture of Finest Large-flowering Sorts. Oz. 10 cts., 2 ozs. 15 cts., 4 ozs. 25 cts, lb. 60 cts., by mail 70 cts.
Good Mixed. Oz. 5 cts., 4 ozs. 15 cts., lb. 40 cts., by mail, 50 cts.

BUSH SWEET PEAS

Grow in bush form to a height of 18 inches, and have self-supporting flowers of good size and form.

Mixed Colors. Pkt. 5 cts., oz. 15 cts.

DWARF CUPID SWEET PEAS

Foliage deep emerald-green. Plants not over 5 inches high and spreading in habit; very profuse and continuous bloomers.

Each of the following Cupids, or in mixture, pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., by mail 85 cts,

Alice Eckford. White, suffused with pink.
Beauty. Rich rose-pink.
Boreatton. Rich wine-brown.
Countess of Radnor. Lavender.
Firefly. Scarlet.
Primrose. Primrose-yellow.
White Cupid.
Pink Cupid.

THUNBERGIAS

These are among our best half-hardy annual climbers. The vine is of slender and graceful but very rapid growth, with elegant foliage and extremely pretty, dark-eyed flowers of white or yellow. **Separate or mixed. Choice mixed,** pkt. 15 cts., oz. 50 cts.

FOR A PERFECT LAWN USE OUR EVERGREEN LAWN SEED. Good seed is as necessary as good soil and its proper preparation. Our lawn mixture is all seed and no chaff or dirt, and weighs 22 pounds and upward per bushel. One bushel of this seed will go as far as three bushels of light seed and is far more effective. For fertilizing your lawn, use Odorless Lawn Fertilizer, Hardwood Ashes or Bone Meal. See inside of back cover for prices.

Seeds of Hardy Perennials

MANY PERENNIALS BLOOM THE FIRST SEASON IF SOWN EARLY

The permanent character of the Hardy Perennials, which live and bloom from year to year for an indefinite period, with but little care, renders them very popular among all classes of gardeners. Some of our very finest flowers are to be found among these plants for the hardy garden, many of which, though old-fashioned, are dear through associations. Perennials sown in the fall will often bloom the next season.

ACANTHUS. Grows in almost any soil and situation; of a stately character.
Latifolius. Flower-spikes tall and handsome. Pkt. 10 cts.
Mollis. Showy; very ornamental foliage. Pkt. 10 cts.

ACONITUM (Monk's Hood). Produced on tall racemes above the finely cut foliage from midsummer until late autumn; bright blue. Pkt. 5 cts.

ADONIS vernalis. A bright early spring flower, with large showy yellow flowers. Pkt. 5 cts.

ALYSSUM saxatile compactum. Low-growing, with light green, silky foliage and golden yellow flowers. Useful for shaded places. Pkt. 5 cts.

ANEMONE. Blossoms are various shades of scarlet, purple, blue, white and striped. Fine mixture. Pkt. 5 cts.

ANTIRRHINUM (Snapdragon). Blooms the first year from seed if sown early, and makes very bright and showy bedding plants. The dwarf sorts grow 6 to 8 inches to 1 foot tall.
Golden Queen. Pure yellow. Pkt. 10 cts.
Grandiflorum. Flowers double the usual size and closely set on the stems. White and Mixed. Each, pkt. 10 cts.
Grandiflorum Dwarf Striped. Large and beautiful striped flowers. Pkt. 10 cts.
Queen of the North. Semi-dwarf, bushy plants, covered with large, white, sweetly perfumed flowers. Pkt. 10 cts.
Tom Thumb, Mixed. All colors; fine for bedding. Pkt. 5 cts.

ARMERIA formosa (Sea-Pink). Dwarf, hardy plants. Rosy pink flowers, borne in clusters above the tufts of leafage. Pkt. 5 cts.

AQUILEGIA (Columbine)

Handsome and free-blooming. Bears curiously shaped flowers in many bright and delicate colors, and displays them well against a mass of light and pretty foliage. 2 ft.

Aquilegia cœrulea

Coerulea hybrida (Rocky Mountain Columbine). Flowers very large, more or less double toward the center, with long spurs; flowers white, marked with shades of blue; very fine. Pkt. 10 cts.

Glandulosa Vera. Large, erect blue flowers; pure white corolla; very fine. Pkt. 25 cts.

Large-flowering Yellow. Gold-spurred. Much admired; flowers large and bright golden yellow. Pkt. 10 cts.

Large-flowering White. Large, snow-white flowers, with long spurs. Pkt. 10 cts.

Vulgaris fl. pl. Double varieties mixed. These will give an abundance of odd and very pretty flowers. Pkt. 5 cts.

BAPTISIA australis. A fine herbaceous plant; flowers beautiful blue, pea-shaped, produced on long spikes. Pkt. 5 cts.

CALLIRRHOE. Lilac and white flowers, produced the first year if the seed is started early. Very pretty. Pkt. 5 cts.

BELLIS PERENNIS FL. PL. (English Daisy)

Grows well in all soils if given a rather moist, shaded situation. They seldom exceed 6 inches in height, and bloom from spring until midsummer.

Giant Red. Choice large-flowering double red. Pkt. 10 cts.

Giant Longfellow. Bright, rose-colored flowers, large and double. Pkt. 10 cts.

Giant Snowball. Pure white; flowers very double, large and perfect. Pkt. 10c.

Giant Mixed. Pkt. 10 cts.

Bellis perennis fl. pl.

CAMPANULA (Bellflower). Very popular for mixed beds and borders. These bear a profusion of large, bell-shaped flowers.

Pyramidalis. Flowers in many shades of blue and white. Mixed. Pkt. 5 cts.

Calycanthema (Cup and Saucer). Handsome flowers in many tints of blue, rose and white. Mixed. Pkt. 5 cts.

Canterbury Bell. Large, bell-shaped flowers of charming form in many beautiful shades. Single and Double. Each, pkt. 5c.

Carpatica (Carpathian Blue Bells). Erect, bell-shaped flowers; blue, white and mixed. Each, pkt. 5 cts.

CANDYTUFT (Iberis). Dwarf-growing and free-flowering plants; very useful for the border.
Gibraltarica. White, suffused with pink. 1½ feet. Pkt. 10c.
Sempervirens. White, with glossy foliage. ½ foot. Pkt. 10c.

CARNATIONS. These should be slightly protected during the winter with a light covering of coarse litter or manure.
Grenadin Scarlet. Charming double scarlet flowers; dwarf and compact. Pkt. 25 cts.
Early-flowering Vienna. Flowers of all colors; choice mixed. Pkt. 10 cts.
Double Finest Mixed. The best types of hardy Carnations; fine for cutting. Pkt. 10 cts.

COREOPSIS lanceolata, Large-flowering (Harvest Moon). The flowers are nearly double the size of the older variety, measuring nearly 4 inches across; deeper yellow in color, with petals broader and more overlapping; flowers very freely; fine for cutting. Pkt. 10 cts.

CRUCIANELLA. Low, tufted plants, seldom more than a foot high; rose-colored flowers. Pkt. 5 cts.

DICTAMNUS (Gas Plant). Bright red flower-spikes often a foot long and pleasantly fragrant; flowers profusely. Pkt. 5c.

DIGITALIS (Foxglove). Stately and handsome plants, with fine waxen flowers, gracefully drooping from long stems on which they are thickly set. 3 feet.
Gloxinia-flowered. Large spotted flowers. Mixed colors. Pkt. 5 cts.
Grandiflora. Large-flowering mixed. Pkt. 10 cts.
Monstrosa. Long spikes, surmounted by one very large flower. Mixed colors. Pkt. 5 cts.
Maculata superba. Beautiful spotted flowers of various colors Pkt. 5 cts.

Dianthus plumarius nanus fl. pl.

DIANTHUS

Sweet William (*D. barbatus*). Attractive, profuse-blooming garden plants. The flowers have a quaint perfume. Pkt. 5 cts.

Double Mixed. Many colors. Pkt. 10 cts.

Single Mixed. Pkt. 5 cts.

Plumarius (Pheasant's Eye Pink). Semi-double fringed flowers, fragrant, of white, crimson or purple shades. Pkt. 10 cts.

Plumarius nanus fl. pl. (Grass Border, or Spice Pink). Habit of growth very compact, and comes into bloom much earlier than other varieties; attains a height of about 12 inches; flowers of spicy fragrance and produced in a large variety of colors and markings. Pkt. 25 cts.

DELPHINIUM (Perennial Larkspur)

Indispensable to the hardy garden, because of their long and graceful spikes of richly colored flowers; fine for cutting.

Formosum. Rich blue flowers, with white centers. Pkt. 10 cts.

Formosum coelestinum. Delicate azure-blue; very pretty. Pkt. 10 cts.

Cashmerianum. Beautiful dark blue. Pkt. 10 cts.

Large-flowering White and **Blue.** Large, single flowers on long spikes. 2 feet. Each, pkt. 10 cts.

Hybridum. Splendid mixture. Pkt. 10 cts.

Elatum hybridum nanum. Semi-dwarf; produces extra large flowers in all shades of blue. Pkt. 15 cts.

Sulphureum (**Zalil**). Produces tall spikes of sulphur-yellow flowers; very fine. Pkt. 15 cts.

Nudicaule. Scarlet; dwarf and compact. Pkt. 15 cts.

GAILLARDIA (Large-flowering)

Very large, handsome flowers, having dark crimson centers marked with rings of many brilliant colors. Pkt. 10 cts.

Grandiflora compacta. Of bushy habit, about a foot high; flowers rich and varied. Pkt. 10 cts.

Grandiflora, Semi-double. Flowers nearly 4 inches in diameter; varying from light to deep yellow, tinged at base with aurora or wine-red. Pkt. 25 cts.

GENTIANA acaulis (Blue Gentian). Fine for edging and rockwork; flowers rich blue. Pkt. 10 cts.

Dianthus barbatus

GRASSES

Double Hollyhock

ANDROPOGON argenteus. With silvery plumes. Pkt. 5 cts.

ARUNDO Donax variegata. Drooping green and white striped leaves. Pkt. 10 cts.

ERIANTHUS Ravennae. Fine silvery plumes. Pkt. 10 cts.

EULALIA Japonica fol. Vittata. Long, graceful white striped leaves. Pkt. 10 cts.

Gracillima Univittata. With very narrow bright green foliage, with silvery midrib. Pkt. 10 cts.

Zebrina. Leaves barred with yellowish white. Pkt. 10 cts.

GYNERIUM argenteum (Pampas Grass). Silvery plumes. Pkt. 10 cts.

STIPA pennata. Silvery white feathery plumes. Pkt. 5 cts.

GYPSOPHILA paniculata (Baby's Breath). A dainty, mist-like plant, with sprays of small, white, star-shaped flowers and delicate foliage. Pkt. 5 cts.

HOLLYHOCKS

Stately and handsome plants. Their tall spikes of double silken flowers are magnificent when grown in clumps or rows. Superb strains of **White, Yellow, Crimson, Pink, Salmon, Light Carmine, Purple, White Violet Center.**

Chater's Double Finest Mixed. Pkt. 15 cts., oz. $1.75.

Single Mixed. Pkt. 10 cts., oz. $1.

Allegheny Mammoth Fringed. Mammoth flowers formed of loosely arranged fringed petals appear as if made of fine silk; shell-pink, pink, red, maroon and salmon flowers; spikes 6 to 7 feet. Mixed. Pkt. 10 cts , oz. $1.25.

Double. Lemon, yellow and gold, rose, apple-blossom, scarlet and mixed. Each, pkt. 10c., oz. $1.50.

LAVENDER (Lavandula). Grown for its fragrant leaves and flowers, which retain their fragrance when cut and dried. Pkt. 5 cts.

LOBELIA cardinalis (Cardinal Flower). Long spikes of intense scarlet flowers; one of the most brilliant plants in cultivation. Suitable for all situations. Pkt. 10 cts.

LYCHNIS hybrida. Flowers bright and pretty; if sown early will bloom the first year. 2 feet. Scarlet, orange, rose, crimson, mixed. Pkt. 5 cts.

MYOSOTIS (Forget-me-not)

These plants thrive best in moist, shaded places, forming neat compact little clumps, bright with graceful sprays of starry blue flowers.

Alpestris Victoria. Of dwarf, globular habit, with sky-blue flowers; fine for pots. Pkt. 10 cts.
Alpestris alba. Large white flowers. Pkt. 5 cts.
Alpestris grandiflora. Bright blue; pyramidal habit. Pkt. 10c.
Alpestris, Distinction. Azure-blue; blooms early. Pkt. 10c.
Palustris. Beautiful blue flowers. Pkt. 10 cts.

PENTSTEMON, Large-flowering. Bloom from early summer until frost. Flowers are white, blue, scarlet, crimson, yellow, etc. Mixed. Pkt. 5 cts.

PLATYCODON, or **WAHLENBERGIA** (Chinese Bellflower). Large, broad, bell-shaped blue or white flowers; very handsome. 1½ feet. Mixed. Pkt. 10 cts.

PYRETHRUM. Very showy plants, with aster-like flowers
Atrosanguinea. Dark red. Pkt. 10 cts.
Double Hybrids. Finest mixed. Pkt. 25 cts.
Single Hybrids. Finest mixed. Pkt. 10 cts.

PRIMULA (Cowslip). Favorite early spring flowers with clusters of bright red and yellow blossoms.
Auricula. Mixed seed of best varieties. Pkt. 10 cts.
Cashmeriana. Early; beautiful rosy lilac. Pkt. 25 cts.
Elatior (Polyanthus). Choice mixed seed of large flowers. Pkt. 10c.
Veris grandiflora. Flowers 1½ to 2 in. in diameter; colors very rich dark red, white, pink, yellow, etc. Pkt. 25 cts.
Vulgaris. The true fragrant yellow Primrose. Pkt. 10 cts.
Japonica. Flowers in whorls carried on erect stalks. 1½ feet. Pkt. 10 cts.

POPPIES

Orientale. Large, rich, brilliant flowers. The loose silken petals have each a blotch of black at the base. 2 feet. Pkt. 10 cts., oz. $1.
Oriental Hybrids. Flowers 6 inches and over in diameter; colors salmon, pink, cherry, etc. Pkt. 10 cts., oz. $1.50.
Oriental Hybrids, Semi-double. Very distinct. Pkt. 25 cts.
Nudicaule (Iceland Poppy). Very graceful habit; flowers white, yellow and orange-scarlet. Mixed. Pkt. 10 cts.
Bracteatum. Very large orange scarlet flowers. Pkt. 10 cts.

ROMNEYA Coulteri (Great White California Poppy). Flowers fragrant, 4 to 5 inches across; pure white, with golden stamens. 6 feet. Pkt. 10 cts.

RUDBECKIA superba. Forms a dense bush 2 feet high. Flowers golden yellow, with large, dark spots. Pkt. 10 cts.

SCABIOSA Caucasica. Flowers pale blue, large and very bright; fine for cutting. 3 feet. Pkt. 10 cts.

Primula Japonica

SHASTA DAISY (*Chrysanthemum Leucanthemum Hybridum*). Flower large and snow-white with yellow center; blooms first season from seed. Pkt. 15 cts.

SILENE orientalis. Tall; branching from the base; each branch carrying a large globular head of bright rose flowers. Pkt. 25 cts.
Asterias grandiflora. Rich crimson flowers; in other respects like preceding. Pkt. 15 cts.

STOKESIA Cyanea. Produces numerous lavender-blue cornflower-like blossoms, 4 to 5 inches in diameter; blooms all summer. Pkt. 10 cts.

VALERIANA (Garden Heliotrope). Early-flowering. Mixed. Pkt. 5 cts.

VIOLA (Sweet-scented Violet). Sow early. Mixed. Pkt. 5c.

WALLFLOWERS. Exquisite perfume and rich, quaint, bright colors—usually brownish red, yellow and violet.
Double Dwarf Mixed. This mixture gives fine flowers in all Wallflower colors. Pkt. 10 cts.
Single Mixed. From select plants of best colors. Pkt. 5 cts.

Begonia Vulcan

Seeds of Greenhouse Plants

The rarest and handsomest Stove and Greenhouse Plants may be grown from seed. Directions for culture are printed on all our seed packets, and the seed contained in them is fresh and of strong germinating power. Among these are included some varieties that are planted outdoors but of which the seed should be started under heat.

ABUTILON. Flowers pure white, lemon-yellow, rose, scarlet-crimson, yellow and red shades beautifully veined. Mixed, pkt. 10 cts.

ACACIA. Ornamental foliage and showy racemes of flowers.
Dealbata. Leaves large, silvery and fern-like; flowers clear yellow and sweet-scented. Pkt. 10 cents.
Lophantha superba. Bright yellow; fine delicate foliage. Pkt. 5 cts.
Calla Devoniensis. Flowers large and pure white; free bloomer and of easy culture; plants from seed flower the first year. Pkt. 25 cts.

ALOYSIA citriodora (Lemon Verbena). An old favorite; leaves deliciously fragrant; grows easily from seed. Pkt. 10 cts.

ASPARAGUS plumosus nanus. A graceful greenhouse climber, with feathery, lace-like foliage. Pkt. 25 cts.
Sprengeri. Desirable to grow as a pot-plant or for planting in suspended baskets. Pkt. 15 cts.

BEGONIAS

Begonias are now grown in such large quantities, both for summer bedding and winter flowers, that many people prefer sowing the seed to buying the plants.

Vernon. Plant dwarf and branching; coral-red flowers. Valuable for bedding and pot culture. Pkt. 10 cts.
Dwarf Vernon. Forms a small, round bush, profusely covered with brilliant red flowers. Foliage deep brown-red. Pkt. 15 cts.

Cineraria hybrida grandiflora

BEGONIAS, continued

Vulcan. Similar to Vernon. The plants are covered with flowers of the most intense red. Pkt. 15 cts.
Tuberous-rooted. Large flowers of various shapes and colors. The tubers must be lifted and stored in dry sand in a dry, warm place in autumn **Single** and **Double Mixed.** Each, pkt. 25c.
Semperflorens Erfordia. Very free bloomer; flowers rosy carmine; foliage dark green and glossy. Excellent for bedding. Pkt. 25 cts.

CINERARIA

Hybrida grandiflora. The Cineraria is a very distinct and showy window plant, and it blooms at a season when its magnificent crown of brilliant velvet flowers is most appreciated. Our seed is from a splendid mixture of large-flowering varieties. **Large-flowering Superb Mixed** and **Dwarf Large-flowering Mixed.** Each, pkt. 25 cts.
Grandiflora Scarlet Queen. Brightest red; large and of good form Pkt. 25 cts.
Stellata (Star Cineraria). Large panicles of star-shaped flowers, ranging in the same colors as the preceding class. Pkt. 25 cts.
Candidissima. Used in ribbon-bedding, vases, etc. Leaves are silvery. Pkt. 10 cts.

CENTAUREA (Dusty Miller). Silver-leaved; indispensable for ribbon beds and borders.
Candidissima. Leaves broader and whiter than in any other silver-leaved sort. Pkt. 10 cts.
Gymnocarpa. Of very graceful growth; a fine variety. Pkt. 10c.
Rutifolia purpurea. More compact than the preceding and bears in profusion pretty purple flowers, contrasting finely with the foliage. Pkt. 10 cts.

CALCEOLARIA

The curiously shaped and oddly marked flowers of these plants at once attract notice.
Large-flowered Self-colored. Splendid strain; very large flowers; robust and floriferous. Pkt. 25 cts.
Large-flowered, Tigered, or **Spotted.** Most brilliant and beautifully marked flowers Pkt. 25 cts.
Golden Bedder. Of dwarf habit, with large heads of bright yellow flowers. Pkt. 75 cts
Rugosa. Small-flowering, shrubby variety for bedding; flowers brown and yellow. Pkt. 25 cts.

CARNATIONS

A large proportion of the plants will produce large, double, fragrant and brilliantly colored flowers.
Perpetual. Tall plants, continually in flower. Our seed will produce 75 per cent of double flowers. Pkt. 10 cts.
Double Self Colors. Flowers of pure and beautiful colors; very fragrant. Pkt. 10 cts.
Margaret Carnations. See Annuals.
Picotees. Flowers either white or yellow, bordered with purple, red or rose. Fine mixed, pkt. 25 cts.
Chabaud's Everblooming. Flowers in about 5 months after sown; very profuse and continuous bloomer. Fine mixed, pkt. 25 cts.
Giants of Nice. Flowers very large, long-stemmed and thick petals; blooms in six months. Pkt. 25 cts.

COLEUS

The leaves are of many shapes and brightest colors and nearly all varieties have a rich velvety appearance. Seed sown in March will produce fine plants for bedding.
Hybridus. Choicest hybrids, best selected varieties, splendid mixed. Pkt. 25 cts.
Hybridus Regales. Newest large-leaved varieties, splendid mixed. Pkt. 25 cts.
Hybridus Ornatus. Large, handsome foliage; spotted and marbled with blackish purple, blood-red, carmine and rose, and abundantly sprinkled with white, yellow, green and brown. Pkt. 25 cts.

CHRYSANTHEMUMS

Chrysanthemums exhibited everywhere at autumn shows have encouraged many to grow the plants from seed. Seed sown early, kept warm and moist, and the plants carefully tended, they will give handsome flowers the first year.
Finest Mixture. From choice flowers of Chinese and Japanese sorts. Pkt. 25 cents.

CYCLAMEN

Valuable for spring and winter blooming. Leaves beautifully splashed with silver. Flowers large and handsome, showing all shades of color, from crimson-maroon to pure white. They last long in perfection, and the appearance of a well-grown plant in full bloom is wonderfully attractive. Very suitable for window or house culture The little seedlings grow rapidly, and bloom in eight to ten months from the sowing.
Giant Deep Crimson, Giant White with Red Eye, Giant Pure White, Giant Dark Red, Giant Pink and **Giant Mixed.** Each, 25 cts. per pkt.
Rococo. Plants strong, leaves finely marked; flowers very large with finely fringed and undulated petals; stems long and straight; finest colors. Pkt. 25 cts.

CYPERUS alternifolius (Umbrella Plant). An ornamental house plant and also for growing in winter in damp places. Pkt. 10 cts.
Papyrus (Egyptian Paper Plant). Fine for subtropical beds and aquatic gardens. Pkt. 25 cts.

DRACÆNA. Graceful decorative foliage plants; fine for vases.
Indivisa. Very graceful. Pkt 10 cts.
Lineata. Dark green. Pkt. 10 cts.

FERN SEEDS. Finest mixed; saved from the best varieties. Pkt. 25 cts.

GERANIUM. A superb strain of the largest and finest varieties. Finest mixed. Pkt. 10 cts.

GLOXINIA. The waxen flowers of the Gloxinias are large, bell-shaped and richly colored, producing grand effects when grouped.
Hybrida grandiflora. Erect; finest mixed. Pkt.25 cts.

GREVILLEA robusta (Silk Oak). A beautiful little tree, grown for its graceful, fern-like foliage. Used for table decoration and tropical garden effects. Pkt. 10 cts.

HELIOTROPE, Lemoine's Giant Hybrids. Flowers range from pure white through all the shades of violet, blue and indigo. Very fragrant heads of mammoth size. Very floriferous. Pkt. 10 cts.

Cyclamen giganteum

Sinningia regina

IMPATIENS Sultani. A bright little plant, with clusters of rosy scarlet flowers and glossy leaves of dark green. Pkt. 15c.

LANTANA hybrida. The Lantana is a shrubby plant, with a multitude of flower-clusters like the verbena. Mixed, pkt. 10c.

MIMOSA pudica (Sensitive Plant). So called from the habit which its fern-like leaves have of closing when touched. Flowers bright pink and fragrant. Pkt. 10 cts.

MUSA Ensete (Abyssinian Banana). A magnificent foliage plant. Seeds sown in heat will produce strong plants the first season. Pkt. of 10 seeds, 25 cts.

OXALIS. A low-growing plant, with pretty three-parted foliage and clusters of dainty flowers. For baskets and pot culture.
Rosea. Salmon-rose; very pretty. Pkt. 10 cts
Tropaeoloides. Dark yellowish brown foliage. Pkt. 10 cts.

PRIMULA or CHINESE PRIMROSE
(Choicest Fringed)

Chinese Primroses are noted for their profuse display of flowers in winter, and their long flowering season. Growing from seed is not difficult, and full directions for culture are given on our seed packets.

Alba magnifica. Pure white with yellow eye. Pkt. 25 cts.
Alba pura. Pure white. Pkt. 25 cts.
Rosy White. Pkt. 25 cts.
Kermesina splendens. Crimson, yellow eye. Pkt. 25 cts.
Blue. Clear sky blue. Pkt. 25 cts.
Cheswick Red. Very bright red. Pkt. 25 cts.
Bright Pink. Pkt. 25 cts.
Choicest Single Mixed. Pkt. 25 cts.
Fern-leaved Mixed. Pkt. 25 cts.
Giant Red. Rich purplish red; immense flowers. Pkt. 75 cts.
Giant Scarlet. Large trusses of extra large flowers. Pkt. 75c.
Giant Rose. Carmine-rose, with eye; very large flowers. Pkt. 75c.
Giant White. Pure white; immense flowers. Pkt. 75 cts.
Double Pure White. Pkt. 50 cts.
Double Fringed Mixed. Pkt. 50 cts.
Stellata, or **Star Primrose.** For pot culture in the greenhouse or for cut bloom. The attractive dark red foliage makes an effective contrast to the numerous pure white star-shaped flowers, which form large pyramids. Pkt 75 cts.
Forbesi, or **Baby Primrose.** Rosy lilac; very floriferous; seedlings bloom in three months. Pkt. 25 cts.
Obconica grandiflora fimbriata. Excellent for winter and spring blooming; flowers produced in large clusters on erect stems; fine as a pot-plant.
Fringed White, Pink, Lilac, Carmine and **Mixed.** Each, pkt. 25 cts.

PYRETHRUM aureum (Golden Feather). Golden yellow foliage, finely cut, producing rich, soft effects in bedding. Pkt. 5 cts.

SALVIA

Magnificent bedding plants, all ablaze with long spikes of blue or scarlet flowers from June until October. 1 to 2 feet tall.

Farinacea. Flowers bright light blue; long bloomer. Pkt. 10c.
Splendens praecox miniature. Plant about 12 inches high and compact; flowers produced early and in abundance, bright scarlet. Pkt. 15 cts.
Splendens. Flowers bright scarlet; a general favorite Pkt. 10c.
Bonfire. Dwarf form of Splendens. Very early and free-blooming; fine for bedding, borders and pots. 2 feet. Pkt. 10 cts.
Little Lord Fauntleroy. Plant very compact and bushy, being as broad as it is high. The flowers, in number, size and brilliancy, surpass any other variety. Pkt. 25 cts.

SINNINGIA regina. Handsome foliage and flowering plant; leaves deep green veined with emerald; flowers pale blue and drooping; borne on long flower-stalk. Pkt. 25 cts.

SMILAX (*Myrsiphyllum asparagoides*). Glossy green foliage; a superb climbing vine. Pkt. 10 cts.

STREPTOCARPUS hybridus (Cape Primrose). Remarkable for its abundance of bloom and the continuous succession in which the flowers are produced. The plant is of dwarf, neat habit, with clusters of aclumine-like flowers, borne on erect slender stems. The colors embrace shades of rose, purple, red, violet and white, some being blotched and striped; of easy culture; superb mixed. Pkt. 50 cts.

TORENIA. Rich, bright colors are strangely mingled and contrasted in the flowers of the Torenias, giving them bizarre rainbow effects.
Fournieri grandiflora. Large flowers, 1 inch and over in diameter. Blue and white, yellow throat. Pkt. 15 cts.
Bailloni. Golden yellow, with rich brown-red throat. Pkt. 10c.
Fournieri compacta grandiflora. Compact; flowers large, light blue, lip and wings violet; a constant bloomer. Pkt. 25 cts.

VINCA (Periwinkle). Very effective for beds and borders, and bloom from early summer until frost.
Rose-colored, White with Crimson Eye, Pure White and **Mixed.** Each, 10 cts. per pkt.

WIGANDIA caracasana. The leaves of this plant, 6 feet long and more than a foot wide, are effective in subtropical bedding. Pkt. 10 cts.

Bulbs, Roots and Tubers for Spring Planting

CALADIUMS

Esculentum (Elephant's Ear). Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 feet or more in length and breadth. Very imposing in appearance when developed. They need very rich soil and an abundance of water.

MAMMOTH SIZE. 40 cts. each (by mail, 20c. extra), $4.50 per doz.
FIRST SIZE. 25 cts. each (by mail, 15 cts. extra), $2.50 per doz.
SECOND SIZE. 15 cts. each (by mail, 10 cts. extra), $1.50 per doz.
THIRD SIZE. 10 cts. each (by mail, 5 cts. extra), $1 per doz.
FOURTH SIZE. 5 cts. each (by mail, 3 cts. extra), 50 cts. per doz.

Fancy-leaved. Succeeds well outdoors in partially shaded places. The leaves are beautifully painted with different bright colors, often delicately veined. Choicest varieties. 10 cts. each, $1 per doz.; by mail, $1.10.

UNDER NAME. 15 cts. each, $1.50 per doz.; by mail, $1.60.

TUBEROUS BEGONIAS

Bloom constantly during the summer. Desirable both for pots and beds. Flowers large and brilliant.

Single Scarlet, Yellow, Crimson, White, Pink, Rose and **Orange.** 6 cts. each, 60 cts. per doz., by mail 70c.; $4.50 per 100.
Double, Scarlet, Yellow, Red, White and Pink, and **Salmon.** 8 cts. each, 80 cts. per doz, by mail 90 cts.; $6.50 per 100.

CANNAS (New Large-flowering Varieties)

For grouping on lawns, or for large beds, no plants are more effective. They bloom soon after planting. We offer the following choice varieties.

All at 5c. each, 55c. per doz., by mail 75c.; per 100 $4.25.

Alphonse Bouvier. Large heads of rich crimson bloom; foliage bright green. 5 to 6 feet.
Chas. Henderson. Fine solid crimson-yellow flame at throat. 3½ feet.

CANNAS, continued

Florence Vaughan. Yellow, with bright red spots; foliage large, rich green. 3½ to 4 feet.
Mme. Crozy. Bright scarlet, with golden edge; foliage bright green. 4 feet.
Queen Charlotte. Orange-scarlet, edged canary-yellow; foliage deep green. 3½ feet.
Rosemawr. Best pink Canna; bright rosy pink, mottled with rose. 3 feet.
Souv. Antoine Crozy. Crimson-scarlet, bordered golden yellow; green foliage. 4 feet.
Kate Gray. Massive leaves, bright glossy green; large trusses of flowers, orange-scarlet overlaid with gold, 6 feet.
Egandale. Flowers cherry-red; compact spikes, foliage purple. 4½ feet.

DAHLIAS

Stately and handsome autumn-blooming flowers. We offer here the 12 very best varieties.

All varieties, 10 cts. each, by mail 15 cts.; $1 per doz., by mail $1.60; per 100 $7.50. Undivided clumps, 25 cts. each, by mail 35 cts.

DOUBLE LARGE-FLOWERING

Storm King. Flowers very large, pure white, of fine form; early.
A. D. Livoni. Soft pink, quilled petals; early and profuse bloomer.
Black Beauty. Dark velvety maroon; large size and fine form.
Claribel. Rich, bright purple, shading to crimson; very large.
Client. Deep velvety crimson; large and of fine form.
Grand Duke Alexis. Very large; white, lightly tinged delicate pink.
Lady G. Herbert. Very large; white, tipped deep purple.
Miss Mary Lomas. Large, fine form; white, suffused soft rosy lake.
Nymphaea. Light shrimp-pink, tinted lighter toward the center.
Queen of Yellows. Beautiful clear yellow; large and early.
White Dove. Pure white; early and profuse bloomer.
Wm. Agnew. Very large; intense dazzling red; very early.

POMPONE, or BOUQUET

Alewine. White, flushed rosy lavender; very fine.
Catharine. The best pure yellow; fine form.

Large-flowering Dahlia

Eleganta. Soft pink, tipped deep pink.
Klein Domatia. Salmon-buff; profuse bloomer.
Snowclad. The finest pure white.
Sunshine. Bright scarlet; fine form, full center.

CACTUS DAHLIAS

John H. Roach. Fine light yellow.
Miss Annie Jones. Bright crimson-scarlet.
Matchless. Large; rich glistening crimson
Perle d'Or. The best white; very large.
Profusion. Bright lavender-pink; large size.
Ruby. Deep vermilion center, shading to purple on tips of petals.

SINGLE DAHLIAS

Fashion. Crimson-maroon, flamed purple.
Golden Standard. Pure deep yellow; large size, fine form.
Mrs. C. L. Bassett. Maroon, striped lilac.
Nance. Large; a lovely shade of lavender.
Snow Queen. Best pure white.
Wildfire. Clearest scarlet; profuse bloomer on long stems.

GLOXINIAS. Fine for pot culture. Place in a 3-inch pot and shift to a larger one when required. Loves warmth and moisture, but the leaves should never be wet; blooms a long time. 7 cts. each, 70 cts. per doz., by mail 80 cts; $5 per 100.

GLADIOLUS

One of the finest summer-blooming bulbs. The flowers are of many shades of color. Plant at intervals of two weeks during the spring, thus providing a succession of bloom from summer until frost. Of the easiest culture.

By mail, 10 cts. per doz. extra

White and **Light Shades.** 3c. ea., 30 cts. per doz., $2.15 per 100
Yellow and **Orange Shades.** 5 cts. each, 50 cts per doz., $3.50 per 100.
Pink Shades. 3 cts. each, 30c. per doz., $2.15 per 100.
Striped and **Variegated.** 4c. each, 40 cts. per doz, $3 per 100.
Scarlet and **Red.** 2 cts. each, 20 cts. per doz, $1.50 per 100.
Lemoine's Hybrids. 3 cts. each, 30 cts. per doz., $2.15 per 100

Lilium rubrum

Childsi. First quality. Mixed. 3c. each, 30c. per doz., $2.15 per 100.
Groff's Hybrids. 3 cts. each, 30 cts. per doz., $2.15 per 100.
May. 3 cts. each, 30 cts per doz., $2 15 per 100.
Pan-American Mixture. This superb mixture is the finest we have ever offered. 1st size, 3 cts. each, 30 cts. per doz., $2.25 per 100; 2d size, 25 cts. per doz, $1.75 per 100.

IRIS Kaempferi. Flowers of enormous size, running through endless combinations of color. Hardy; loves moist situations. In ten distinct varieties. 20 cts. each, $2 per doz., $15 per 100.
Germanica. Very hardy and thrives anywhere; finest mixed. 10 cts. each, $1 per doz.
Florentina. Pure white, shaded blue and yellow. 5 cts. each, 50 cts. per doz.

LILIES (FOR SPRING PLANTING)

Plant in any well-drained soil.

Auratum (Gold-banded Lily). 15c. ea., by mail 20c.; $1.50 per doz.
Album. White; very fragrant. 15c. each, by mail 20c.; $1.50 per doz.
Rubrum. White, spotted crimson. 15 cts. each, by mail 20 cts.; $1.50 per doz.
Melpomene. White suffused crimson. 15 cts. each, by mail 20c.; $1.50 per doz.
Atrosanguineum. Crimson; dark spots. 15 cts. each, postpaid; $1.50 per doz.
Brownii. Light cream, purple outside. 35 cts. each, by mail 40 cts.; $3.75 per doz.
Martagon. Crimson, dark spots. 10c. each, postpaid; $1 per doz.
Pardalinum. Scarlet, purple spots. 10c. ea., postpaid; $1 per doz.
Superbum. Orange, tipped red. 10c. each, postpaid; $1 per doz.
Tigrinum fl. pl. Double orange, black spots. 8 cts. each, by mail 10 cts; 75 cts. per doz.
Tigrinum splendens. Rich scarlet, dark spots. 8 cts. each, by mail 10 cts.; 75 cts. per doz.
Thunbergianum. Orange-crimson, dark spots. 10 cts. each, postpaid; $1 per doz.
Wallacei. Orange-scarlet, spotted maroon. 10 cts. each, postpaid; $1 per doz.
Rubellum. Lovely delicate pink; flowers very early. 15 cts. each, by mail 20 cts.; $1.50 per doz.

PEONIES

Very showy hardy plants that will thrive anywhere.

Double Red. 15 cts each, by mail 25 cts.; $1 50 per doz.
Double White. 25 cts. each, by mail 35 cts.; $2.50 per doz.
Double Pink. 20 cts. each, by mail 30 cts.; $2 per doz.

TUBEROSE, Excelsior Pearl. Dwarf and compact, large, well-cured bulbs. 10 cts. for 3, 30 cts. per doz., $1.75 per 100 by mail, 15 cts. for 3, 42 cts. per doz.

Miscellaneous Bulbs and Flowering Roots

Agapanthus umbellatus. Effective for vases and tubs ; large spikes of blue flowers. 15 cts. each, by mail 25 cts ; $1.50 per doz.

Amaryllis formosissima. Brilliant crimson flowers. 15 cts. each, by mail 25 cts ; $1.50 per doz.

Belladonna major. Silvery white, turning to rose. 20c. each, by mail 30 cts ; $2 per doz.

Apios tuberosa. Hardy climbers ; flowers resembling Wistaria. 5 cts. each, 50 cts. per doz ; by mail 60 cts.

Bessera elegans (Coral Drop). Coral red with white cups. Blooms all summer. 2 cts. each, 20 cts., per doz., $1 50 per 100

Cyclobothra flava. Golden yellow with dark spots. 2 cts. each, 20 cts. per doz , $1.50 per 100.

Cooperia Drummondi (Evening Star). Pure white ; blooms all summer. 2 cts. each, 20 cts. per doz., $1.50 per 100.

Calla, Spotted-leaved. Foliage beautifully spotted white. 5c. each, 50 cts. per doz., by mail 60 cts.

Cinnamon Vine. Hardy rapid-growing climber. 5 cts. each, 50 cts. per doz.; by mail 60 cts.

Hyacinthus candicans. Tall spikes of pure white bell-shaped flowers. 5 cts. each, 50 cts. per doz.; by mail 60 cts.

Milla biflora (Frostwork). Fragrant, white, wax like flowers. 2 cts. each, 20 cts. per doz., $1.50 per 100.

Montbretia. Gladioli-like flowers, orange-red and orange-scarlet. 3 cts. each, 25 cts. per doz , $1.75 per 100.

Madeira Vine. A favorite rapid-growing climber. 3 cts. each, 25 cts. per doz ; by mail 35 cts.

Oxalis. Small, free-flowering plants with delicate foliage. 2c. each, 20 cts. per doz.

Pancratium (Spider Lily). 15 cts. each, by mail 20 cts.

Tigridia. Brilliant shell-like flowers of great beauty. 5 cts. each, 40 cts. per doz ; by mail 50 cts.

Zephyranthes (Fairy Lilies). 5 cts. each, 50 cts. per doz.

INDEX

FLOWER SEEDS, BULBS AND PLANTS

Abobra 40
Abronia 30
Abutilon 44
Abyssinian Banana 46
Acacia 44
Acanthus 42
Aconitum 42
Acroclinium 34
Adlumia 40
Adonis 30, 42
Agapanthus 48
Ageratum 30
Agrostemma 30
Aloysia 44
Alyssum 30, 42
Amarantus 30
Amaryllis 48
Ammobium 34
Ampelopsis 40
Anagallis 30
Anemone 4
Annuals for Bloom the First Season 30-39
Antigonon 40
Antirrhinum 42
Apios 48
Aquilegia 42
Arabian Primrose 30
Arctotis 30
Armeria 42
Arnebia 30
Asparagus 44
Asters 31
Bachelor's Button 34
Balloon Vine 40
Balsam Apple 40
Balsam Pear 40
Balsams 32
Baptisia 42
Bartonia 31
Begonias 44, 45, 46
Bell Flower 42
Bellis 42
Bessera 48
Blue Amethyst 32
Brachycome 31
Bright Eyes 32
Browallia 32
Bryonopsis 40
Bulbs, Roots and Tubers for Spring Planting 46, 47
Caladiums 46
Calampelis 40
Calandrinia 32
Calceolaria 45
Calendula 32
California Poppy 34, 44
Calla 48
Calliopsis 32
Callirhoe 42
Campanula 42
Canary Creeper 40
Candytuft 32, 42
Cannas 32, 46
Cardiospermum 39
Carnations 32, 42, 45
Castor Oil Bean 38
Celosia 33
Centaurea 33, 44
Centanthus 34
Chinese Bellflower 44
Chinese Primrose 46
Chrysanthemums 32, 45
Cinnamon Vine 48
Cineraria 45
Clarkia 33
Cobæa 40
Coccinea 40
Cockscomb 33
Coleus 45
Collinsia 33
Columbine 42
Convolvulus 33, 40
Cooperia 48
Coreopsis 42
Cosmidium 33
Cosmos 33
Crinum 47
Crotalaria 32
Crucianella 42
Cyclamen 45
Cyclobothra 48
Cyperus 45
Dahlias 34, 47
Datura 33
Delphinium 43
Dianthus 34, 43
Dictamnus 42
Didiscus 34
Digitalis 42
Dolichos 40
Dracæna 45
Dusty Miller 45
English Daisies 42
Eschscholtzia 34
Eternal Flower 34
Euphorbia 35
Everlastings 34
Fern Seeds 45
Feverfew 35
Four O'Clock 35
Foxgloves 42
Gaillardia 35, 43
Gas Plant 42
Gentiana 43
Geranium 45
Gladiolus 47
Gloxinias 45, 47
Godetia 35
Golden Feather 46
Gomphrena 34
Gourds 40
Grasses, Ornamental 35, 43
Grevillea 45
Gypsophila 43
Harvest Moon 45
Helianthus 39
Helichrysum 34
Heliotrope 44, 45
Hibiscus 35
Hollyhocks 35, 43
Humulus 40
Hunnemannia 35
Hyacinthus 48
Iberis 32, 42
Ice Plant 32
Impatiens 46
Ipomœa 40
Ipomopsis 35
Iris 47
Ivy, Japan or Boston 40
Kaulfussia 35
Kochia 35
Kudsu Vine 40
Lady's Slippers 32
Lantana 46
Larkspur 35, 43
Lathyrus 40
Lavandula 43
Lavender 43
Lavatera 34
Leptosiphon 35
Lilies 47
Linaria 40
Linum 35
Lobelia 35, 43
Lophospermum 40
Lupinus 35
Lychnis 43
Madeira Vine 48
Marigold 36
Mathiola 36
Maurandia 40
Mignonette 36
Milla 48
Mimosa 46
Mimulus 36
Mina 40
Miscellaneous Bulbs and Flowering Roots 48
Monkey Flower 36
Monthretia 48
Morning-Glories 33, 40
Musa 46
Myosotis 44
Myrsiphyllum 46
Nasturtiums 36, 37, 40
Nemophila 36
Nicotiana 36
Nierembergia 37
Nigella 37
Nolana 37
Nycterinia 37
Œnothera 37
Ornamental Climbers 40
Oxalis 46, 48
Painted Daisies 32
Pancratium 48
Pansies 38
Pentstemon 37, 44
Peonies 47
Periwinkle 46
Petunias 37
Phlox 37
Pimpernel 30
Pinks 34
Platycodon 44
Poppies 38, 44
Portulaca 38
Pot Marigolds 32
Primulas 44, 46
Primrose, Arabian 30
Pyrethrum 44, 46
Rhodanthe 34
Ricinus 38
Romneya 44
Rose of Heaven 30
Rudbeckia 44
Salpiglossis 39
Salvia 46
Sanvitalia 39
Saponaria 39
Scabiosa 39, 44
Schizanthus 39
Sea-Pink 42
Seeds of Greenhouse Plants 44, 45
Seeds of Hardy Perennials 42
Shasta Daisy 44
Silene 44
Sinningia 46
Smilax 46
Solanum 39
Standing Cypress 35
Stocks 39
Stokesia 44
Streptocarpus 46
Summer Cypress 35
Sun Dial 35
Sunflower 39
Swan River Daisy 31
Sweet Peas 41
Sweet-scented violet 44
Sweet William 43
Thunbergias 41
Tigridia 48
Torenia 46
Tropæolums 40
Tuberoses 47
Valeriana 44
Verbenas 39
Vinca 46
Vines and Gourds, Bright-fruited 40
Viola 44
Viscaria 39
Wallflowers 44
Wahlenbergia 44
Whitlavia 39
Wigandia 46
Wild Cucumber 40
Xeranthemum 34
Youth-and-Old-Age 39
Zephyranthes 48
Zinnia 39

VEGETABLE AND FIELD SEEDS, IMPLEMENTS, ETC.

Artichoke 2
Asparagus 3
" Roots 3
Beans 1–3
Beets, Garden 6
" Field 7
Borecole 13
Broccoli 8
Brussels Sprouts 8
Cabbage 8
Carrots 11
Cauliflower 9
Celeriac 11
Celery Seed 9, 10
Celery, Turnip-rooted 11
Chicory 11
Clover Seed 24
Corn, Sweet or Sugar 15
Corn, Field 22
Corn Salad 7
Cress 7
Cucumbers 12
Dandelion 7
Eggplant 10
Endive 12
Farm and Garden Implements 26
Fertilizers 25
Grass Catchers 28
Grass Seed 24
Herbs, Sweet and Medicinal 23
Horse boots 28
How Seeds are Sent 1
Insecticides 25
Iron Age Implements 29
Kale, or Borecole 13
Kale, Sea 13
Kohlrabi 13
Lawn Mixtures and Fertilizers 3d page cover
Lawn Mowers 28
Lawn Rollers 28
Lawn Vases 28
Leeks 13
Lettuce 14
Martynia 11
Miscellaneous Seeds 23
Miscellaneous Supplies 26-28
Mushroom Spawn 11
Mustard 13
Muskmelons 15
Nitro-Culture 23
Okra 15
Onion Seed and Sets 16
Parsley 17
Parsnips 17
Peas 5, 6
Peppers 17
Potatoes, Northern Grown Seed 22
Poultry Supplies 24
Pumpkins 19
Radishes 18, 19
Rhubarb, or Pie Plant 15
Rutabagas, or Swedes 21
Salsify, or Oyster Plant 17
Spinach 19
Squashes 20
Sweet Potatoes 22
Tomatoes 20, 21
Turnips 21
Vegetable Plants and Roots 22
Watermelons 15

J. HORACE McFARLAND CO., HORTICULTURAL PRINTERS, HARRISBURG, PA.

USEFUL BOOKS

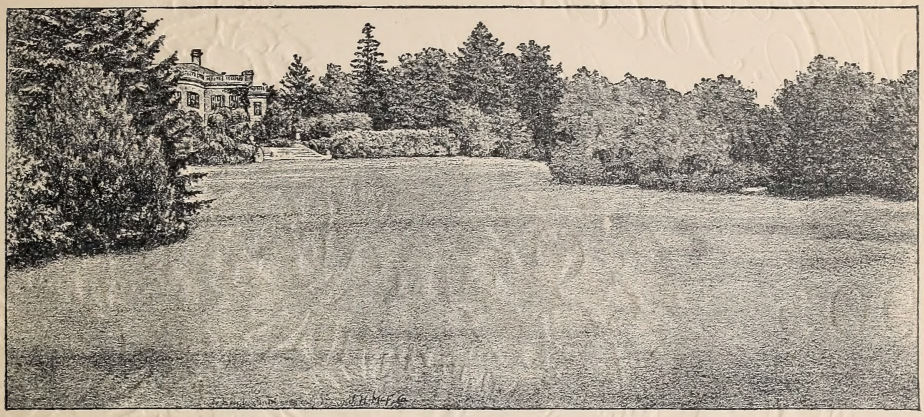
Agriculture, A B C of. Weld $0 50
Agriculture, The Principles of. Bailey 1 25
Alfalfa. F. D. Coburn 50
American Horses and Horse-breeding. Dimon 3 50
Animal Breeding. Thomas Shaw 1 50
Apiary, Manual of the. Cook 1 25
Apple Culture, Field Notes on. Bailey 75
Asparagus. F. M. Hexamer 50
Asparagus Culture. Barnes and Robinson 50
Barn Plans and Outbuildings 1 00
Bee Culture, A B C of. Root 1 25
Beekeeping Explained, Mysteries of. Quinby 1 00
Breeds, Study of. Thomas Shaw 1 50
Broom Corn and Brooms 50
Bulbs and Tuberous-Rooted Plants. Allen 1 50
Bush Fruits. Card 1 50
Cabbage, Cauliflower and Allied Vegetables. Allen 50
Canary Birds. New and revised edition 50
Cattle, American. Revised. Allen 2 50
Cattle Doctor. Prof. George H. Dadd 2 00
Cattle Doctor, American. 12mo. Dadd 1 00
Celery for Profit. Greiber 20
Chemistry of the Farm. Warington 1 00
Chemistry, Practical Farm. Greiner 1 00
Chrysanthemums, How to Grow 25
Cider-maker's Handbook. Trowbridge 1 00
Co-operate, How to. Herbert Myrick 1 00
Corn, The Book of. Herbert Myrick 1 50
Cow, Keeping One 1 00
Cows and Dairy Farming, Milch. Flint 2 00
Cranberries, Cape Cod, Paper. James Webb 40
Cranberry Culture. White 1 00
Crops, Spraying. Clarence M. Weed 50
Dahlia, The. Peacock 30
Dairying, American. Gurier 1 00
Diseases of Horses and Cattle. McIntosh 1 75
Dogs of Great Britain, America and Other Countries. Compiled from Stonehenge and other standard writers 1 50
Draining for Profit and Health. Waring 1 00
Draining Land. Manly Miles 1 00
Duck Culture. James Rankin 25
Egg Farm. New Revised and Enlarged. H. H. Stoddard 1 00
Entomology, Elements of. Eberhart 35
Farm Appliances 50
Farm Books, New American. R. L. and L. F. Allen 2 00
Farm Homes, Indoors and Outdoors. Leland 1 00
Feeds and Feeding. W. A. Henry 2 00
Fertility of ths Land, The. Roberts 1 25
Floriculture, Practical. Henderson 1 50
Flower Garden, Beautiful. Matthews 40
Forage Crops. Thomas Shaw 1 00
Forcing Book, The. Bailey 1 00
Forest Planting and Care of Timber Lands. N. H. Jarchow 1 50
Forestry, Practical. A. S. Fuller 1 50
Fruit Garden, The. P. Barry 1 50
Fruit Harvesting, Marketing, etc. F. A. Waugh 1 00
Fumigation Methods. W. G. Johnson 1 00
Fungi and Fungicides. Clarence M. Wood....Cloth, $1; paper 50
Gardening, Prize. G. B. Fiske 1 00
Gardening for Pleasure. New and enlarged edition. Henderson 1 50
Gardening for Profit. New and enlarged edition. Henderson. 1 50
Garden-Making. Bailey 1 00
Ginseng, Kains. G. Maurice 50
Grape Culturist. A. S. Fuller 1 50
Grape Grower's Guide. Chorlton 75
Grape-Growing and Wine-Making, American. Hussmann 1 50

Grasses and Forage Plants. Flint $2 00
Greenhouse Construction. Taft 1 50
Greenhouse Management. Taft 1 50
Hedges, Windbreaks, etc. E. P. Powell 50
Hemp. S. S. Boyce 50
Hop, The. Herbert Myrick 1 50
Horse Book, American Reformed. G. H. Dadd 2 00
Horse Doctor, Modern. G. H. Dadd 1 00
Horse Keepers, Hints to. H. W. Herbert 1 50
Horse, The. How to buy and sell. P. Howden 1 00
Horticulture, Annals of. Bailey 75
Horticulturist's Rule Book. Bailey 75
House Plans for Everybody. Reed 1 00
How Crops Feed. Prof. S. W. Johnson 1 50
How Crops Grow. Prof. S. W. Johnson 1 50
How the Farm Pays. Henderson and Grazier 2 00
How to Make the Garden Pay. Greiner 2 00
Hunter and Trapper. H. Thrasher 50
Ice Crop, The. Theron L. Hiles 1 00
Insects and Insecticides. C. M. Weed 1 50
Insects of the Farm and Garden, Injurious. Treat 1 50
Irrigation Farming. Lucius M. Wilcox 2 00
Irrigation for the Farm, Garden and Orchard. Henry Stewart. 1 00
Key to Profitable Stock Raising. Herbert Myrick 25
Land Measures for Farmers. Cloth. Pedder 50
Landscape Gardening. F. A. Waugh 50
Landscape Gardening. Maynard 1 50
Left-Overs Made Palatable. I. G. Curtis 1 00
Manures, Talks on. Revised Edition. Joseph Harris 1 50
Market Gardening and Farm Notes. Landreth 1 00
Mushrooms—How to Grow Them. William Falconer 1 00
Nursery Book. Bailey ..... Cloth 1 00
Nut Culturist, The. Andrew S. Fuller 1 50
Onion Culture, The New. Greiner 50
Ornamental Gardening for Americans. Long 1 50
Peach Culture. Revised edition. Fulton 1 00
Pear Culture for Profit. Quinn 1 00
Pig, Harris on the. Joseph Harris 1 00
Plant Breeding. Bailey 1 00
Plant Culture, Principles of. Goff 1 00
Plants, Handbook of. New enlarged edition. Henderson 3 00
Plants, Propagation of. A. S. Fuller 1 50
Plants, Your. James Sheehan 40
Plums and Plum Culture. F. A. Waugh 1 50
Potato Culture, Sweet. Fitz 50
Poultry Keeper, Practical. Wright 1 50
Principles of Fruit-Growing. Bailey 1 25
Profits in Poultry and Their Profitable Management 1 00
Quince Culture. W. W. Meech 1 00
Rhubarb Culture, The New 50
Rose, The: Its Cultivation, Varieties, etc. Ellwanger 1 25
Shepherd's Manual. Enlarged edition. Henry Stewart 1 00
Silos, Ensilage and Silage. Miles 50
Small Fruit Culturist. A. S. Fuller 1 00
Soiling Crops and the Silo. Thomas Shaw 1 50
Soil of the Farm, The 1 00
Spraying of Plants, The. Lodeman 1 00
Strawberry Culturist. Illus. Fuller 25
Sugar Beet Seed. Lewis S. Ware 1 50
Sugar Industry, The American 1 50
Swine Husbandry. Revised edition. F. D. Coburn 1 50
Taxidermy, Practical. J. H. Batty 1 00
Tobacco Leaf. J. B. Killebrew and Herbert Myrick 2 00
Tomato Culture 35
Turkeys, How to Raise Them. Herbert Myrick 1 00
Vegetable Gardening. Green 1 25
Window Flower Garden. Heinrich 50

Any book sent postpaid on receipt of price, by

W. C. BECKERT, 103 Federal Street, Allegheny, Pa.

A BEAUTIFUL LAWN *Is the Result of Sowing Under Proper Conditions Our Evergreen Lawn Seed*



GOOD soil and proper drainage are absolutely necessary to produce a good lawn. There should be no less than one foot of good surface soil, heavy loam where possible. In light or sandy soil the grass has a tendency to burn out in hot, dry weather. Where it is necessary to grade the surface the subsoil should be removed and replaced with good earth.

Unless the soil is sufficiently rich apply a liberal quantity of well-rotted manure; dig or plow this in and incorporate with the soil. Rake or harrow the surface even, and after sowing the seed rake again lightly and firm the soil with a lawn-roller. Never attempt to dig, rake or roll a lawn when the ground is wet.

The best time to make a lawn is as early in spring as the ground is in good tillable condition, although very satisfactory results are obtained from lawns made during the summer and autumn.

When the young grass is from 3 to 4 inches high it should be mown, but not too short, as close cropping is injurious to a new lawn. Repeat the mowing at intervals of about ten days. After the lawn is once well established frequent rollings are beneficial, especially early in spring, after the soil and with it the roots of the grass have been drawn up by the winter's frost.

On banks and terraces, where the seed is liable to be washed off by rains before it has sprouted, a quick catch can be secured by mixing the seed with moist earth about one week before sowing; at the expiration of that time much of the seed is ready to sprout.

BECKERT'S EVERGREEN LAWN

Good seed is as necessary to make a lawn as the proper preparation of the ground. We have made many experiments to determine the grasses best adapted for lawn purposes, and the above mixture is composed of a combination in proper, proportions, of the best natural lawn grasses, so as to produce a continuous good lawn from early spring throughout the summer until late in fall.

The ingredients of this mixture are the highest grade of recleaned seeds only. The value of lawn grass seed can be best determined by its weight per measured bushel, the better the quality the heavier the weight. This Lawn Seed is sold by the standard bushel of 32 quarts (dry measure) and weighs no less than 22 pounds per bushel.

Lawn Seeds are generally sold on a basis of 14 pounds to the bushel, which will invariably fall one-third or more short of actual measure if composed of choice clean seeds, and where a bushel of 14 pounds holds out in measure, it must of necessity be largely composed of light, chaffy matter of no value.

Use 1 qt. to 300 sq. ft., 4 to 5 bus. per acre. Qt. 20 cts., by mail 30 cts.; 2 qts. 35 cts., 3 qts. 50 cts., 4 qts. 60 cts., pk. $1.15, ½ bus. $2.25, per measured bushel of 22 pounds, $4.50.

PUTTING GREEN MIXTURE

The very finest hardy low-growing grasses are contained in this mixture, producing a close and lasting green turf. Qt. 25 cts., pk. $1.35, bus. of 28 lbs. $5.

GOLF LINK MIXTURE

Composed of such grasses as will produce a turf suitable for golf links, cricket-tables or polo grounds. Qt. 20 cts., pk. 75 cts., bus. of 15 lbs. $2.50.

SHADY NOOK LAWN MIXTURE

A mixture of grasses best adapted for sowing in shady places, where other grasses will not thrive. In nearly all lawns where there are trees there will be found bare, unsightly spots which can be made green and bright by using this mixture. Per measured bus. of 20 lbs., $6, ½ bus. $3, pk. $1.75, qt. 25 cts., by mail 35 cts.

LAWN FERTILIZERS

Stable manure should never be used as a top-dressing on a lawn, as it always contains large quantities of noxious weed seeds, and is objectionable on account of unsightliness and disagreeable odor.

ODORLESS LAWN FERTILIZER. A clean, high-grade fertilizer, free from disagreeable odor, especially prepared for us. Produces a rapid and rich green growth of grass. Should be sown broadcast, and applied in spring or fall. Quantity required, 10 lbs. for 300 sq. ft., 500, to 1,500 lbs. per acre. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 80 cts., 50 lbs. $1.45, 100 lbs. $2.55, 200 lbs. $4.90, 500 lbs. $11.75, 1,000 lbs. $22.50, per ton $43.

CANADIAN UNLEACHED HARDWOOD ASHES. Unequaled as a fertilizer for lawns. Not alone acting as a stimulant, but supplies natural plant-food, permanently enriching the soil. Cheap, clean from weed seeds, and no offensive odor. Apply in the fall or early in spring, so that the rain may leach the ashes and carry the elements down to the roots of the grasses, producing a rapid and rich green growth. Apply 1,500 to 2,000 lbs. per acre. Per barrel of 200 lbs. $2.50, per 400 lbs. $4.75, per 1,000 lbs. $11, per ton $20; no smaller parcels than barrel lots.

PURE RAW BONE MEAL. Contains nothing but pure raw animal bone. Vastly superior to steamed bone. 5 lbs. 22 cts., 10 lbs. 40 cts., 25 lbs. 70 cts., 50 lbs. $1.25, 100 lbs. $2, 200 lbs. $3.80, 500 lbs. $9, 1,000 lbs. $17, per ton $32.

W. C. Beckert, Allegheny, Pa.

1905

SUMMER FLOWERING DIANTHUS.

50 CTS. FOR THE TWELVE.